Summary of sharing and compatibility studies for potential candidate frequency bands under WRC-15 agenda item 1.1

Band/	Sharing and com	patibility studies	Summary of Results of studies	Relevant Documents
Sub-bands	In candidate band	In adjacent band	(Doc. 4-5-6-7/715 Annex 3)	
410-430 MHz				
Since no count	ries are proposing this ba	nd for IMT and no studies	were carried out, this band is no lor	nger a candidate band.
470-694/698 N	ЛНz (224/228 MHz)			
	☑ BS (both within and)	☑ BS	Section 1/1.1/4.1.1.1.1 of Draft	Doc. 4-5-6-7/715 Annex 5
	outside GE-06 area,		CPM Report for co-channel	DNR BT.[MBB_DTTB_470_694]
	separated into 2		studies and adjacent channel	Sharing and compatibility studies
	sections)		studies in GE-06 area	between digital terrestrial
			Section 1/1/1.1/4.1.1.1.2 of Draft	television broadcasting and
			CPM Report for co-channel	terrestrial mobile broadband
			studies and adjacent channel	applications, including IMT, in the
			studies outside GE-06 area	frequency band 470-694/698 MHz
				(previously Doc. TEMP/149)
	-	☑ BS	Previous study results	Report BT.2247
		(FYI only)		Field measurement and analysis of
				compatibility between DTTB and
				IMT
				Report M.2241
				Compatibility studies in relation to
				Resolution 224 (Rev.WRC-12) in
				the bands 698-806 MHz and 790-
				862 MHz
			Additional related sharing and	Doc. 4-5-6-7/715 Annex 9
			compatibility studies carried out	DNR BT.[IMT_DTTB_694-790-CO-
			under A.I. 1.2	CHANNEL]
				Co-channel sharing and
				compatibility studies between
				digital terrestrial television

	_		T
			broadcasting and international
			mobile telecommunication in the
			frequency band 694-790 MHz in
			the GE06 planning area
			(previously Doc. TEMP/159)
			Doc. 4-5-6-7/715 Annex 22
			DNR BT.[IMT_DTTB_694-790-
			ADJACENT-CHANNEL]
			Adjacent channel compatibility
			between IMT in the frequency
			band 694-790 MHz and digital
			terrestrial television broadcasting
			in the GE06 planning area
			(previously Doc. TEMP/160 (Rev.1))
			Doc. 4-5-6-7/715 Annex 24
			PDN Rec. BT.[DVBPROT700]
			Assessment of the protection of
			DTTB reception considering the
			cumulative interference from IMT
			base stations for application in GE-
			06 area
			(previously Doc. TEMP/161)
			Doc. 4-5-6-7/715 Annex 21
			PDN Rec. M.[BSMS700]
			Specific out-of-band emission limit
			of IMT mobile stations operating in
			the frequency band 694-790 MHz
			for protection of existing services
			in Region 1 in the frequency band
			below 694 MHz
			(previously Doc. TEMP/162 (Rev1))
☑ MS (SAB/SAP)	-	Section 1/1.1/4.1.1.2 of Draft	Doc. 4-5-6-7/715 Annex 8
		CPM Report	DNR BT.[SAB_SAP]

	Services ancillary to broadcastin				
	services ancillary to program				
1	making spectrum use in Region				
nary	and the implication of a co-prim				
the	allocation for mobile service in t				
	frequency band 694-790 MHz				
x 11,	(previously Doc. 4-5-6-7/584 Annex				
	Attachment 2)				
	WD M.[ARNS-MS]	Section 1/1.1/4.1.1.5 of Draft	-	☑ RNS (ARNS)	
	Doc. 4-5-6-7/715 Annex 23	CPM Report			
bile	Compatibility studies of the mol				
	service with the aeronautical				
	radionavigation service in the				
n	frequency band 694-790 MHz in				
	Region 1				
	(previously Doc.TEMP/167)				
	Doc. 4-5-6-7/715 Annex 6	Section 1/1.1/4.1.1.3 of Draft	☑ FS	✓ FS	
Hz	DNR F.[IMT-FS 470-694/698 MI	CPM Report			
	SHARING]				
een	Sharing and compatibility between				
	international mobile				
d	telecommunication systems and				
	_ I				
	, ,				
	Doc. 4-5-6-7/715 Annex 7	Section 1/1.1/4.1.1.4 of Draft	☑ RAS	☑ RAS	
	DNR. RA.[RAS-IMT]	CPM Report			
es	Compatibility and sharing studie				
	between the radio astronomy				
	service and IMT systems in the				
	frequency bands 608-614 MHz,				
	330-1 400 MHz, 1 400-1 427 MH				
70	1 610.6-1 613.8 MHz, 1 660-1 67				
n — III ve ico	Compatibility studies of the mol service with the aeronautical radionavigation service in the frequency band 694-790 MHz in Region 1 (previously Doc.TEMP/167) Doc. 4-5-6-7/715 Annex 6 DNR F.[IMT-FS 470-694/698 MHSHARING] Sharing and compatibility betwee international mobile telecommunication systems and fixed service systems in the 470-694/698 MHz frequency range (previously Doc.TEMP/152) Doc. 4-5-6-7/715 Annex 7 DNR. RA.[RAS-IMT] Compatibility and sharing studies between the radio astronomy service and IMT systems in the frequency bands 608-614 MHz, 330-1 400 MHz, 1 400-1 427 MHz	Section 1/1.1/4.1.1.3 of Draft CPM Report Section 1/1.1/4.1.1.4 of Draft		✓ FS	

4200 4525 /45	✓ MSS, except aeronautical ✓ RLS ✓ SOS (s-E)	- - - - ☑MetSat (s-E) (5.290)	- - -	MHz, 2 690-2 700 MHz, 4 800-4 990 MHz and 4 990-5 000 MHz (previously Doc. 4-5-6-7/584 Annex 11, Attachment 5)
1300-1525/152			C :: 4/4.4/4.4.2.7 (5 5:	2 45 6 7/745 4
1350-1400 MHz (50 MHz)	☑ RAS	☑ RAS	Section 1/1.1/4.1.2.7 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 7 DNR. RA.[RAS-IMT] Compatibility and sharing studies between the radio astronomy service and IMT systems in the frequency bands 608-614 MHz, 1 330-1 400 MHz, 1 400-1 427 MHz, 1 610.6-1 613.8 MHz, 1 660-1 670 MHz, 2 690-2 700 MHz, 4 800-4 990 MHz and 4 990-5 000 MHz (previously Doc. 4-5-6-7/584 Annex 11, Attachment 5)
	☑ RLS	☑ RLS	Section 1/1.1/4.1.2.4 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 25 WD M.[RADAR1300] Studies on the impact of International Mobile Telecommunications on radar systems in the frequency range 1 300-1 400 MHz (previously Doc. TEMP/147)
	☑ FS	-	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 10 DNR F.[FS-IMT 1 350-1 530 MHz CO-CHANNEL SHARING]

				Sharing and compatibility study between international mobile telecommunications and the fixed Service (previously Doc. TEMP/144)
	-	☑ FS	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 26 WD F.[IMT 1 350-1 530 MHz ADJACENT CHANNEL SHARING] Adjacent channel / adjacent band coexistence between IMT systems and fixed service point-to-point links currently operating in 1 350-1 527 MHz (previously Doc. 4-5-6-7/584 Annex 6, Attachment 5)
	✓ SRS(passive)	-	-	-
	☑ EESS(passive)	-	-	-
	-	☑ EESS(passive) ☑ SRS(passive)	Section 1/1.1/4.1.2.8.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 11 DNR RS.[EESS-IMT 1.4 GHz] Consideration of the frequency bands 1 375-1 400 MHz and 1 427-1 452 MHz for the mobile service – Compatibility with systems of the Earth exploration- satellite service (EESS) within the 1 400-1 427 MHz frequency band (previously Doc. TEMP/145)
	-	☑ ARNS	-	-
	-	☑ RNSS (E-s)	Section 1/1.1/4.1.2.1 of Draft CPM Report	-
1427-1452 MHz (25 MHz)	☑ FS	-	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 10 DNR F.[FS-IMT 1 350-1 530 MHz

			CO-CHANNEL SHARING] Sharing and compatibility study between international mobile telecommunications and the fixed Service (previously Doc. TEMP/144)
-	☑ FS	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 26 WD F.[IMT 1 350-1 530 MHz ADJACENT CHANNEL SHARING] Adjacent channel / adjacent band coexistence between IMT systems and fixed service point-to-point links currently operating in 1 350-1 527 MHz (previously Doc. 4-5-6-7/584 Annex 6, Attachment 5)
☑ AMS (Telemetry)	☑ AMS (Telemetry)	Section 1/1.1/4.1.2.5 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 12 DNR M.[AMT-IMT.SHARING.L-BAND] Sharing studies between potential International Mobile Telecommunication systems and aeronautical mobile telemetry systems in the frequency band 1 429-1 535 MHz (previously Doc. TEMP/165 (Rev1))
✓ SOS (E-s)	-	-	-
-	☑ RAS	Sections 1/1.1/4.1.2.7 and 1/1.1/4.1.2.8.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 7 DNR. RA.[RAS-IMT] Compatibility and sharing studies between the radio astronomy service and IMT systems in the frequency bands 608-614 MHz, 1

				330-1 400 MHz, 1 400-1 427 MHz, 1 610.6-1 613.8 MHz, 1 660-1 670
				MHz, 2 690-2 700 MHz, 4 800-4 990 MHz and 4 990-5 000 MHz
				(previously Doc. 4-5-6-7/584 Annex 11, Attachment 5)
	-	☑ EESS(passive) ☑ SRS(passive)	Section 1/1.1/4.1.2.8.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 11 DNR RS.[EESS-IMT 1.4 GHz] Consideration of the frequency bands 1 375-1 400 MHz and 1 427-1 452 MHz for the mobile service – Compatibility with systems of the Earth exploration-satellite service (EESS)
				within the 1 400-1 427 MHz frequency band (previously Doc. TEMP/145)
1452-1492 MHz (40 MHz)	☑ BS	-	Section 1/1.1/4.1.2.3 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 13 DNR BS.[BS_IMT] Sharing between the mobile service and the broadcasting service in the 1 452 - 1 492 MHz frequency band (previously Doc. TEMP/150)
	☑ FS	-	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 10 DNR F.[FS-IMT 1 350-1 530 MHz CO-CHANNEL SHARING] Sharing and compatibility study between international mobile telecommunications and the fixed Service (previously Doc. TEMP/144)
	-	☑ FS	Section 1/1.1/4.1.2.2 of Draft	Doc. 4-5-6-7/715 Annex 26

			CPM Report	WD F.[IMT 1 350-1 530 MHz ADJACENT CHANNEL SHARING] Adjacent channel / adjacent band coexistence between IMT systems and fixed service point-to-point links currently operating in 1 350-1 527 MHz (previously Doc. 4-5-6-7/584 Annex 6, Attachment 5)
	☑ AMS (Telemetry)	☑ AMS (Telemetry)	Section 1/1.1/4.1.2.5 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 12 DNR M.[AMT-IMT.SHARING.L-BAND] Sharing studies between potential International Mobile Telecommunication systems and aeronautical mobile telemetry systems in the frequency band 1 429-1 535 MHz (previously Doc. TEMP/165 (Rev1))
	☑ BSS	-	Section 1/1.1/4.1.2.6 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 27 WD M.[BSS-MS] Sharing and compatibility studies between IMT systems and BSS systems in the frequency band 1 452-1 492 MHz (previously Doc. TEMP/158)
1492-1518 MHz (26 MHz)	☑ FS	-	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 10 DNR F.[FS-IMT 1 350-1 530 MHz CO-CHANNEL SHARING] Sharing and compatibility study between international mobile telecommunications and the fixed Service

			(previously Doc. TEMP/144)
-	☑ FS	Section 1/1.1/4.1.2.2 of Draft	Doc. 4-5-6-7/715 Annex 26
		CPM Report	WD F.[IMT 1 350-1 530 MHz
		C. W. Report	ADJACENT CHANNEL SHARING]
			Adjacent channel / adjacent band
			coexistence between IMT systems
			and fixed service point-to-point
			links currently operating in 1 350-1
			527 MHz
			(previously Doc. 4-5-6-7/584 Annex 6,
			Attachment 5)
✓ AMS (Telemetry)	☑ AMS (Telemetry)	Section 1/1.1/4.1.2.5 of Draft	Doc. 4-5-6-7/715 Annex 12
		CPM Report	DNR M.[AMT-IMT.SHARING.L-
		'	BAND]
			Sharing studies between potential
			International Mobile
			Telecommunication systems and
			aeronautical mobile telemetry
			systems in the frequency band 1
			429-1 535 MHz
			(previously Doc. TEMP/165 (Rev1))
-	☑ MSS (s-E)	Section 1/1.1/4.1.2.9 of Draft	Doc. 4-5-6-7/715 Annex 28
		CPM Report	WD for attachment to Chairman's
			Report
			Adjacent band compatibility
			studies of IMT-Advanced systems
			in the mobile service in the band
			below 1 518 MHZ with respect to
			systems in the mobile-satellite
			service in the frequency band 1
			518 - 1 559 MHz
			(previously Doc. TEMP/163)
-	☑ BS	-	-

	-	☑ BSS	-	-
1518-1525 MHz (7 MHz)	☑ FS	-	Section 1/1.1/4.1.2.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 10 DNR F.[FS-IMT 1 350-1 530 MHz CO-CHANNEL SHARING] Sharing and compatibility study between international mobile telecommunications and the fixed Service (previously Doc. TEMP/144)
	-	☑ FS	-	-
	☑ AMS (Telemetry)	☑ AMS (Telemetry)	Section 1/1.1/4.1.2.5 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 12 DNR M.[AMT-IMT.SHARING.L-BAND] Sharing studies between potential International Mobile Telecommunication systems and aeronautical mobile telemetry systems in the frequency band 1 429-1 535 MHz (previously Doc. TEMP/165 (Rev1))
	✓ MSS	-	Section 1/1.1/4.1.2.9 of Draft	Doc. 4-5-6-7/715 Annex 29
			CPM Report	WD for attachment to Chairman's Report Sharing studies of IMT-Advanced systems in the mobile service with respect to systems in the mobile-satellite service in the frequency bands 1 518-1 559 MHz, 1 626.5-1 660.5 MHz and 1 668-1 675 MHz (previously Doc. TEMP/151)
	-	☑ MSS	Section 1/1.1/4.1.2.9 of Draft	Doc. 4-5-6-7/715 Annex 28
			CPM Report	WD for attachment to Chairman's Report

	-	☑ AMS	-	Adjacent band compatibility studies of IMT-Advanced systems in the mobile service in the band below 1 518 MHZ with respect to systems in the mobile-satellite service in the frequency band 1 518 - 1 559 MHz (previously Doc. TEMP/163)
	-	☑ EESS	-	-
1695-1710 MF				
	☑ FS	-	-	-
	☑ EESS (s-E) other than MetSat (No. 5.289)	-	-	-
	☑ MetSat (s-E)	-	Section 1/1.1/4.1.3.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 14 DNR SA.[METSAT-IMT 1.7 GHz] Sharing assessment between meteorological satellite systems and IMT stations in the 1 695-1 710 MHz frequency band (previously Doc. 4-5-6-7/584 Annex 11, Attachment 6)
	✓ MetAids	-	-	-
	✓ SRS (s-E)	-	-	-
	00-2290 MHz (175 MHz)			
Although some longer a candid	<u> </u>	rried out for this band bu	t no countries are proposing this ban	d for IMT, therefore this band is no
	☑ SOS ☑ EESS ☑ SRS	-	Section 1/1.1/4.1.4.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 15 DNR SA.[EESS-IMT 2 025-2 290 MHz] Sharing between space-to-space links in space research, space

✓ FS	-	-	operation and Earth exploration-satellite services and IMT systems in the frequency bands 2 025-2 110 MHz and 2 200-2 290 MHz (previously Doc. 4-5-6-7/584 Annex 11, Attachment 7)
☑ M:	S -	-	-
2700-2900 MHz (200	MHz)		
☑ RL ☑ AR ☑ MI	RNS	Section 1/1.1/4.1.5.1 of D CPM Report	Draft Doc. 4-5-6-7/715 Annex 30 WD M.[RADAR2700] Studies on the impact of IMT use on radar systems in the frequency band 2 700-2 900 MHz (previously Doc.TEMP/148)
-	☑ RAS	Section 1/1.1/4.1.5.2 of D	
-	☑ RLS	-	-
-	☑ RNS	Section 1/1.1/4.1.5.1 of E CPM Report	Oraft Doc. 4-5-6-7/715 Annex 31 WD M.[RADAR2900] Studies on the impact of IMT use on radar systems in the frequency band 2 900-3 100 MHz

				(previously Doc.TEMP/146)
		☑ EESS (passive)	-	-
		✓ SRS (passive)	-	-
		☑ FS	-	-
2900-3100 M	IHz (200 MHz)	·	•	·
Although son	ne sharing studies wer	e carried out for this band l	but no countries are proposing this ba	and for IMT, therefore this band is no
longer a cand	-			•
	☑ RLS	_	Section 1/1.1/4.1.6.1 of Draft	Doc. 4-5-6-7/715 Annex 31
			CPM Report	WD M.[RADAR2900]
			C. W. Keport	Studies on the impact of IMT use
				on radar systems in the frequency
				band 2 900-3 100 MHz
2200 2400 N	III = (400 BALL-)			(previously Doc.TEMP/146)
3300-3400 N			6 11 4/44/474 50 51	0 4567/7454 22
	☑ RLS	-	Section 1/1.1/4.1.7.1 of Draft	Doc. 4-5-6-7/715 Annex 32
			CPM Report	PDNR M.[RADAR3300]
				Sharing between indoor IMT
				systems and radar systems in the
				frequency band 3 300-3 400 MHz
				(previously Doc.TEMP/157)
	-	☑ RLS	-	-
	☑ RNS	☑ RNS	-	-
	☑ FS	-	-	-
	-	☑ FS	Section 1/1.1/4.1.8.1 of Draft	Doc. 4-5-6-7/715 Annex 16
			CPM Report may be relevant	DNR F.[IMT-FS 3 400-4 200 MHz
			, ,	SHARING]
				Sharing and compatibility between
				IMT systems and fixed service
				systems in the 3 400-4 200 MHz
				frequency range
				, , ,
	☑ Amateur	✓ Amateur	-	(previously Doc.TEMP/154)
	M Amateur			
	-	✓ FSS (s-E)	Section 1/1.1/4.1.8.2 of Draft	Doc. 4-5-6-7/715 Annex 17

			CPM Report may be relevant	DNR [FSS-IMT C-BAND DOWNLINK] Sharing studies between International Mobile Telecommunication Advanced systems and geostationary satellite networks in the fixed-satellite service in the 3 400-4 200 MHz and 4 500-4 800 MHz frequency bands in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex 11, Attachment 3)
	-	☑ EESS (active)	-	-
	-	☑ SRS (active)	-	-
3400-3600 MH	Hz (200 MHz)			
	✓ FS	☑ FS	Section 1/1.1/4.1.8.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 16 DNR F.[IMT-FS 3 400-4 200 MHz SHARING] Sharing and compatibility between IMT systems and fixed service systems in the 3 400-4 200 MHz frequency range (previously Doc.TEMP/154)
	✓ FSS (s-E)	☑ FSS (s-E)	Section 1/1.1/4.1.8.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLINK] Sharing studies between International Mobile Telecommunication Advanced systems and geostationary satellite networks in the fixed-satellite service in the 3 400-4 200 MHz and 4 500-4 800 MHz frequency bands in the WRC study cycle leading to

	☑ RLS ☑ Amateur	☑ RLS		WRC-15 (previously Doc. 4-5-6-7/584 Annex 11, Attachment 3) Report M.2111 Sharing studies between IMT- Advanced and the radiolocation service in the 3 400-3 700 MHz bands
	✓ Amateur-satellite (5.282)	-	-	-
3600-3800 M	· · ·			
	☑ FS	☑ FS	Section 1/1.1/4.1.8.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 16 DNR F.[IMT-FS 3 400-4 200 MHz SHARING] Sharing and compatibility between IMT systems and fixed service systems in the 3 400-4 200 MHz frequency range (previously Doc.TEMP/154)
	☑ FSS (s-E)	✓ FSS (s-E)	Section 1/1.1/4.1.8.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLINK] Sharing studies between International Mobile Telecommunication Advanced systems and geostationary satellite networks in the fixed-satellite service in the 3 400-4 200 MHz and 4 500-4 800 MHz frequency bands in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex 11, Attachment 3)

SHARING] Sharing and compatibility betwee IMT systems and fixed service systems in the 3 400-4 200 MHz frequency range (previously Doc. TEMP/154) FSS (s-E) Section 1/1.1/4.1.8.2 of Draft CPM Report Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLI Sharing studies between International Mobile Telecommunication Advanced systems and geostationary sate networks in the fixed-satellite service in the 3 400-4 200 MHz 4 500-4 800 MHz frequency bar in the WRC study cycle leading wWRC-15 (previously Doc. 4-5-6-7/584 Annex Attachment 3) ARNS (altimeters) Section 1/1.1/4.1.8.3 of Draft CPM Report Rec. M.2059 Operational and technical	2000 4200 1	☑ RLS	☑ RLS (5.433)	-	Report M.2111 Sharing studies between IMT- Advanced and the radiolocation service in the 3 400-3 700 MHz bands
CPM Report CPM Report DNR F.[IMT-FS 3 400-4 200 MHz SHARING] Sharing and compatibility betwee IMT systems and fixed service systems in the 3 400-4 200 MHz frequency range (previously Doc.TEMP/154) FSS (s-E) Section 1/1.1/4.1.8.2 of Draft CPM Report Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLI Sharing studies between International Mobile Telecommunication Advanced systems and geostationary sate networks in the fixed-satellite service in the 3 400-4 200 MHz 4 500-4 800 MHz frequency bar in the WRC study cycle leading 1 WRC-15 (previously Doc. 4-5-6-7/584 Annex Attachment 3) - ✓ ARNS (altimeters) Section 1/1.1/4.1.8.3 of Draft CPM Report Operational and technical	3800-4200 IVIF	,	[7] FC	Casting 4 /4 4 /4 4 0 4 a 5 D a 5	Dec 4.5.6.7/745.4
CPM Report DNR [FSS-IMT C-BAND DOWNLI Sharing studies between International Mobile Telecommunication Advanced systems and geostationary sate networks in the fixed-satellite service in the 3 400-4 200 MHz 4 500-4 800 MHz frequency bar in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex Attachment 3) ARNS (altimeters) Section 1/1.1/4.1.8.3 of Draft CPM Report CPM Report CPM Report DNR [FSS-IMT C-BAND DOWNLI Sharing studies between International Mobile Telecommunication Advanced systems and geostationary sate networks in the fixed-satellite service in the 3 400-4 200 MHz 4 500-4 800 MHz frequency bar in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex Attachment 3)		<u>№ </u> F2	№ F 5		DNR F.[IMT-FS 3 400-4 200 MHz SHARING] Sharing and compatibility between IMT systems and fixed service systems in the 3 400-4 200 MHz frequency range
CPM Report Operational and technical		☑ FSS (s-E)	☑ FSS (s-E)		Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLINK] Sharing studies between International Mobile Telecommunication Advanced systems and geostationary satellite networks in the fixed-satellite service in the 3 400-4 200 MHz and 4 500-4 800 MHz frequency bands in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex 11,
· · · · · · · · · · · · · · · · · · ·		-	☑ ARNS (altimeters)		Rec. M.2059 Operational and technical characteristics and protection criteria of radio altimeters utilizing

☑ AMS	-	Section 1/1.1/4.1.9.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 33 PDNR M.[AERO-IMT.SHARING.C-BAND] Sharing and compatibility studies between aeronautical mobile [/ground mobile] applications and potential IMT systems in the 4 400-4 990 MHz band (previously Doc.TEMP/166)
-	☑ AMS	-	-
☑ FS	☑ FS	Section 1/1.1/4.1.9.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 18 DNR F.[IMT-FS 4 400-4 990 MHz SHARING AND COMPATIBILITY] Sharing and compatibility study between IMT systems and point- to-point fixed wireless systems in the frequency band 4 400-4 990 MHz (previously Doc.TEMP/155(Rev.1))
-	▼ FSS (s-E)	Section 1/1.1/4.1.9.3 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 17 DNR [FSS-IMT C-BAND DOWNLINK] Sharing studies between International Mobile Telecommunication Advanced systems and geostationary satellite networks in the fixed-satellite service in the 3 400-4 200 MHz and 4 500-4 800 MHz frequency bands in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex 11, Attachment 3)
-	☑ ARNS (altimeters)	Section 1/1.1/4.1.9.4 of Draft	Rec. M.2059

			CPM Report	Operational and technical
				characteristics and protection
				criteria of radio altimeters utilizing
				the band 4 200-4 400 MHz
4500-4800 MH	, ,			
	☑ AMS	-	Section 1/1.1/4.1.9.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 33 PDNR M.[AERO-IMT.SHARING.C-BAND]
				Sharing and compatibility studies between aeronautical mobile [/ground mobile] applications and
				potential IMT systems in the 4 400- 4 990 MHz band
				(previously Doc.TEMP/166)
	-	☑ AMS	-	-
	✓ FS	☑ FS	Section 1/1.1/4.1.9.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 18 DNR F.[IMT-FS 4 400-4 990 MHz SHARING AND COMPATIBILITY]
				Sharing and compatibility study between IMT systems and point-
				to-point fixed wireless systems in the frequency band 4 400-4 990
				MHz
				(previously Doc.TEMP/155(Rev.1))
	☑ FSS (s-E)	-	Section 1/1.1/4.1.9.3 of Draft	Doc. 4-5-6-7/715 Annex 17
			CPM Report	DNR [FSS-IMT C-BAND DOWNLINK]
				Sharing studies between
				International Mobile
				Telecommunication Advanced
				systems and geostationary satellite
				networks in the fixed-satellite
				service in the 3 400-4 200 MHz and
				4 500-4 800 MHz frequency bands

				in the WRC study cycle leading to WRC-15 (previously Doc. 4-5-6-7/584 Annex 11, Attachment 3)
	-	☑ RAS	Section 1/1.1/4.1.9.3 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 7 DNR. RA.[RAS-IMT] Compatibility and sharing studies between the radio astronomy service and IMT systems in the frequency bands 608-614 MHz, 1 330-1 400 MHz, 1 400-1 427 MHz, 1 610.6-1 613.8 MHz, 1 660-1 670 MHz, 2 690-2 700 MHz, 4 800-4 990 MHz and 4 990-5 000 MHz (previously Doc. 4-5-6-7/584 Annex 11, Attachment 5)
4800-5000 MI	Hz (200 MHz)			
	☑ AMS	☑ AMS	Section 1/1.1/4.1.10.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 33 PDNR M.[AERO-IMT.SHARING.C-BAND] Sharing and compatibility studies between aeronautical mobile [/ground mobile] applications and potential IMT systems in the 4 400-4 990 MHz band (previously Doc.TEMP/166)
	☑ FS	☑ FS	Section 1/1.1/4.1.10.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 18 DNR F.[IMT-FS 4 400-4 990 MHz SHARING AND COMPATIBILITY] Sharing and compatibility study between IMT systems and point- to-point fixed wireless systems in the frequency band 4 400-4 990

			MHz
<u> </u>	<u> </u>		(previously Doc.TEMP/155(Rev.1))
☑ RAS	☑ RAS	Section 1/1.1/4.1.10.3 of Draft	Doc. 4-5-6-7/715 Annex 7
		CPM Report	DNR. RA.[RAS-IMT]
			Compatibility and sharing studies
			between the radio astronomy
			service and IMT systems in the
			frequency bands 608-614 MHz, 1
			330-1 400 MHz, 1 400-1 427 MHz,
			1 610.6-1 613.8 MHz, 1 660-1 670
			MHz, 2 690-2 700 MHz, 4 800-4
			990 MHz and 4 990-5 000 MHz
			(previously Doc. 4-5-6-7/584 Annex 11, Attachment 5)
☑ EESS (passive)	-	-	-
(5.339)			
✓ SRS (passive)	-	-	_
(5.339)			
-	✓ FSS (s-E)	-	Doc. 4-5-6-7/715 Annex 17
	, ,		DNR [FSS-IMT C-BAND DOWNLINK]
			Sharing studies between
			International Mobile
			Telecommunication Advanced
			systems and geostationary satellite
			networks in the fixed-satellite
			service in the 3 400-4 200 MHz and
			4 500-4 800 MHz frequency bands
			in the WRC study cycle leading to
			WRC-15
			(previously Doc. 4-5-6-7/584 Annex 11,
	[7] **********		Attachment 3)
	✓ AMSS(R)	-	-
	☑ ARNS	-	-

		☑ RNSS(s-E)	Section 1/1.1/4.1.10.4 of Draft	-
			CPM Report	
5350-5470 MH	lz (120 MHz)			
	☑ RNS	-	Section 1/1.1/4.1.11.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 36 PDNR M.[5 350 MHz AERO] Compatibility studies between radio local area network systems and aeronautical airborne radar systems in the 5 350-5 470 MHz frequency band (previously Doc. 4-5-6-7/584 Annex 6, Attachment 13)
	☑ RLS	-	Section 1/1.1/4.1.11.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 34 WD M.[RLAN5GHz.SHAR] Compatibility studies between radio local area network systems and radiodetermination systems in the 5 350-5 470 MHz frequency band (previously Doc.TEMP/156)
	☑ EESS (active)	-	Section 1/1.1/4.1.11.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 35 PDNR RS.[EESS RLAN 5 GHz] Sharing studies between RLAN and EESS (active) systems in the frequency range 5 350-5 470 MHz (previously Doc.TEMP/164)
	☑ SRS (active)	-	-	-
5725-5850 MH	, ,	T =		
	☑ RLS	☑ RLS	Section 1/1.1/4.1.12 of Draft CPM Report	-
	☑ FS (5.453, 5.455, 5.456)	☑ FS	-	-
	☑ Amateur	☑ Amateur	-	-

	☑ Amateur-satellite	-	-	-					
	(s-E)								
	☑ FSS (E-s)	☑ FSS (E-s)	-	-					
5925-6425 MH	925-6425 MHz (500 MHz)								
	✓ FS	☑ FS	Section 1/1.1/4.1.13.1 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 20 DNR F.[IMT-FS 5 925-6 425 MHz SHARING] Sharing and compatibility study between indoor International Mobile Telecommunication small cells and fixed service stations in the 5 925-6 425 MHz frequency band (previously Doc. TEMP/153)					
	☑ FSS (E-s)	-	Section 1/1.1/4.1.13.2 of Draft CPM Report	Doc. 4-5-6-7/715 Annex 19 DNR [FSS-IMT C-BAND UPLINK] Sharing and compatibility between International Mobile Telecommunication systems and fixed-satellite service networks in 5 850-6 425 MHz frequency range (previously Doc. 4-5-6-7/584 Annex 11, Attachment 4)					
	-	✓ FSS (E-s)	Section 1/1.1/4.1.13.2 of Draft CPM Report may be relevant	-					
	☑ Standard frequency and time signal-satellite (E-s)	-	-	-					
	-	☑ RLS	-	-					
	-	☑ Amateur	-	-					