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## 1 MAXIMUM OUTPUT POWER

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					501204			502002			518598			535998		
					2506.02			2510.01			2592.99			2679.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
20	30	CP QPSK	1	1	19.15	19.37	22.27	19.14	19.30	22.23	19.21	19.47	22.35	19.10	19.37	22.25
			1	49	18.67	19.18	21.94	18.49	18.98	21.75	18.57	19.06	21.83	18.43	18.85	21.66
			25	12	18.57	19.05	21.83	18.33	18.91	21.64	18.4	18.84	21.64	18.47	18.71	21.60
			51	0	17.31	17.84	20.59	16.97	17.56	20.29	17.15	17.59	20.39	17.14	17.62	20.40
		CP 16QAM	1	1	18.24	18.55	21.41	18.11	18.28	21.21	17.97	18.33	21.16	17.95	18.28	21.13
		CP 64QAM	1	1	16.86	17.39	20.14	16.54	17.28	19.94	16.53	17.15	19.86	16.57	17.23	19.92
		CP 256QAM	1	1	13.69	14.23	16.98	13.35	14.03	16.71	13.57	13.97	16.78	13.38	14.09	16.76

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501204			502002			518598			535998		
					2506.02			2510.01			2592.99			2679.99		
					Total			Total			Total			Total		
20	30	CP QPSK	1	1	28.43			28.39			28.51			28.40		
			1	49	28.10			27.91			27.99			27.81		
			25	12	27.98			27.80			27.79			27.76		
			51	0	26.75			26.44			26.54			26.55		
		CP 16QAM	1	1	27.57			27.36			27.32			27.29		
		CP 64QAM	1	1	26.30			26.09			26.02			26.08		
		CP 256QAM	1	1	23.14			22.87			22.94			22.92		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					502200			503004			518598			534996		
					2511			2515.02			2592.99			2674.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
30	30	CP QPSK	1	1	19.41	19.34	22.39	19.47	19.39	22.44	19.32	19.41	22.38	19.28	19.36	22.33
			1	76	19.16	19.22	22.20	18.96	18.93	21.96	18.83	19.09	21.97	18.91	19.10	22.02
			39	19	18.97	19.21	22.10	18.71	19.01	21.87	18.83	18.94	21.90	18.71	18.98	21.86
			78	0	17.52	17.81	20.68	17.33	17.58	20.47	17.2	17.54	20.38	17.36	17.67	20.53
		CP 16QAM	1	1	18.42	18.65	21.55	18.32	18.35	21.35	18.1	18.48	21.30	18.13	18.43	21.29
		CP 64QAM	1	1	16.97	17.49	20.25	16.84	17.37	20.12	16.81	17.19	20.01	16.82	17.25	20.05
		CP 256QAM	1	1	14.09	14.51	17.32	13.78	14.20	17.01	13.96	14.4	17.20	13.81	14.17	17.00

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502200			503001			518598			534996		
					2511			2515.005			2592.99			2674.98		
					Total			Total			Total			Total		
30	30	CP QPSK	1	1	28.54			28.60			28.53			28.49		
			1	76	28.36			28.11			28.13			28.17		
			39	19	28.26			28.03			28.05			28.01		
			78	0	26.83			26.62			26.54			26.69		
		CP 16QAM	1	1	27.70			27.50			27.46			27.45		
		CP 64QAM	1	1	26.41			26.28			26.17			26.21		
		CP 256QAM	1	1	23.47			23.16			23.35			23.16		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					503202			504000			518598			534000		
					2516.01			2520			2592.99			2670		
40	30	CP QPSK	1	1	19.3	19.59	22.46	19.38	19.62	22.51	19.18	19.62	22.42	19.25	19.46	22.37
			1	104	18.92	19.32	22.13	18.77	19.03	21.91	18.81	19.21	22.02	18.79	19.13	21.97
			53	26	18.88	19.23	22.07	18.62	18.94	21.79	18.68	18.96	21.83	18.71	19.05	21.89
			106	0	17.34	17.86	20.62	17.11	17.58	20.36	17.04	17.57	20.32	17.02	17.59	20.32
		CP 16QAM	1	1	18.31	18.65	21.49	18.10	18.43	21.28	18.11	18.47	21.30	18.06	18.55	21.32
		CP 64QAM	1	1	17.03	17.71	20.39	16.74	17.58	20.19	16.83	17.49	20.18	16.71	17.56	20.17
		CP 256QAM	1	1	14.05	14.71	17.40	13.84	14.49	17.19	13.75	14.38	17.09	13.80	14.37	17.10

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	503202			504000			518598			534000		
					2516.01			2520			2592.99			2670		
					Total			Total			Total			Total		
					28.61			28.67			28.57			28.52		
40	30	CP QPSK	1	1	28.61			28.67			28.57			28.52		
			1	104	28.29			28.07			28.18			28.13		
			53	26	28.23			27.95			27.99			28.05		
			106	0	26.78			26.52			26.48			26.48		
		CP 16QAM	1	1	27.65			27.44			27.46			27.48		
		CP 64QAM	1	1	26.55			26.35			26.34			26.32		
		CP 256QAM	1	1	23.56			23.34			23.24			23.26		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					504204			505002			518598			532998		
					2521.02			2525.01			2592.99			2664.99		
50	30	CP QPSK	1	1	19.07	19.15	22.12	19.06	19.05	22.07	19	19.2	22.11	19.17	19.02	22.11
			1	131	18.91	18.94	21.94	18.65	18.72	21.70	18.65	18.77	21.72	18.65	18.80	21.74
			67	33	18.74	19.04	21.90	18.50	18.93	21.73	18.61	18.75	21.69	18.47	18.71	21.60
			133	0	17.26	17.71	20.50	16.98	17.39	20.20	16.96	17.45	20.22	16.92	17.51	20.24
		CP 16QAM	1	1	18.2	18.65	21.44	17.94	18.55	21.27	17.9	18.33	21.13	17.96	18.40	21.20
		CP 64QAM	1	1	16.68	17.18	19.95	16.42	16.90	19.68	16.35	16.89	19.64	16.54	16.86	19.71
		CP 256QAM	1	1	13.79	14.2	17.01	13.61	13.87	16.75	13.62	13.96	16.80	13.61	14.10	16.87

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	504204			505002			518598			532998		
					2521.02			2525.01			2592.99			2664.99		
					Total			Total			Total			Total		
					28.28			28.22			28.27			28.26		
50	30	CP QPSK	1	1	28.28			28.22			28.27			28.26		
			1	131	28.09			27.85			27.88			27.89		
			67	33	28.06			27.89			27.85			27.76		
			133	0	26.66			26.36			26.38			26.39		
		CP 16QAM	1	1	27.60			27.42			27.29			27.35		
		CP 64QAM	1	1	26.10			25.83			25.80			25.87		
		CP 256QAM	1	1	23.17			22.91			22.96			23.03		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					505200			506004			518598			531996		
					2526			2530.02			2592.99			2659.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
60	30	CP QPSK	1	1	19.21	19.37	22.30	19.26	19.39	22.34	19.13	19.42	22.29	19.25	19.41	22.34
			1	160	18.87	18.92	21.91	18.65	18.65	21.66	18.73	18.6	21.68	18.74	18.75	21.76
			81	40	18.73	18.81	21.78	18.48	18.55	21.53	18.4	18.48	21.45	18.53	18.57	21.56
			162	0	17.27	17.71	20.51	17.00	17.40	20.21	16.93	17.48	20.22	17.08	17.47	20.29
		CP 16QAM	1	1	18.32	18.41	21.38	18.00	18.17	21.10	17.98	18.23	21.12	17.99	18.09	21.05
		CP 64QAM	1	1	17.27	17.34	20.32	16.93	17.19	20.07	17.13	17.1	20.13	17.02	17.08	20.06
		CP 256QAM	1	1	13.98	14.32	17.16	13.87	14.12	17.01	13.71	14.18	16.96	13.85	14.19	17.03

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	505200			506001			518598			531996		
					2526			2530.005			2592.99			2659.98		
					Total			Total			Total			Total		
60	30	CP QPSK	1	1	28.46			28.49			28.44			28.50		
			1	160	28.06			27.82			27.83			27.91		
			81	40	27.94			27.68			27.61			27.72		
			162	0	26.66			26.37			26.38			26.45		
		CP 16QAM	1	1	27.53			27.25			27.27			27.21		
		CP 64QAM	1	1	26.47			26.23			26.28			26.22		
		CP 256QAM	1	1	23.32			23.16			23.12			23.19		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					507204			508002			518598			529998		
					2536.02			2540.01			2592.99			2649.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
80	30	CP QPSK	1	1	18.84	19.5	22.19	18.90	19.41	22.17	18.92	19.47	22.21	18.82	19.46	22.16
			1	215	19.12	19.21	22.18	18.91	18.95	21.94	18.82	18.9	21.87	18.97	19.04	22.02
			109	54	18.66	18.66	21.67	18.37	18.41	21.40	18.49	18.46	21.49	18.32	18.51	21.43
			217	0	17.24	17.41	20.34	17.00	17.14	20.08	16.96	17.12	20.05	16.97	17.27	20.13
		CP 16QAM	1	1	18.23	18.38	21.32	18.02	18.24	21.14	17.9	18.16	21.04	18.00	18.25	21.14
		CP 64QAM	1	1	16.87	17.02	19.96	16.70	16.75	19.74	16.67	16.69	19.69	16.66	16.81	19.75
		CP 256QAM	1	1	13.86	13.96	16.92	13.53	13.65	16.60	13.69	13.82	16.77	13.76	13.73	16.76

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)											
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)											
EIRP Limit (W)			2		Low			Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	507204			508002			518598			529998		
					2536.02			2540.01			2592.99			2649.99		
					Total			Total			Total			Total		
80	30	CP QPSK	1	1	28.35			28.33			28.37			28.32		
			1	215	28.33			28.10			28.03			28.17		
			109	54	27.83			27.56			27.64			27.58		
			217	0	26.49			26.24			26.21			26.29		
		CP 16QAM	1	1	27.47			27.30			27.20			27.29		
		CP 64QAM	1	1	26.11			25.89			25.85			25.90		
		CP 256QAM	1	1	23.08			22.76			22.92			22.91		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					508200			509004			518598			528996		
					2541			2545.02			2592.99			2644.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
90	30	CP QPSK	1	1	19.01	19.44	22.24	18.90	19.46	22.20	18.94	19.31	22.14	19.11	19.54	22.34
			1	243	19.02	19.21	22.13	18.89	19.04	21.98	18.69	19.09	21.90	18.81	19.07	21.95
			123	61	18.66	18.64	21.66	18.54	18.45	21.51	18.5	18.47	21.50	18.49	18.52	21.52
			245	0	17.19	17.49	20.35	17.08	17.30	20.20	17.01	17.35	20.19	16.91	17.15	20.04
		CP 16QAM	1	1	18.54	18.57	21.57	18.27	18.37	21.33	18.35	18.32	21.35	18.25	18.32	21.30
		CP 64QAM	1	1	17.05	17.04	20.06	16.78	16.74	19.77	16.88	16.7	19.80	16.82	16.94	19.89
		CP 256QAM	1	1	13.98	13.91	16.96	13.75	13.69	16.73	13.64	13.74	16.70	13.74	13.71	16.74

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)				
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)				
EIRP Limit (W)			2		Low	Low	Mid	High	
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	508200	509004	518598	528996	
					2541	2545.02	2592.99	2644.98	
					Total	Total	Total	Total	
90	30	CP QPSK	1	1	28.40	28.36	28.30	28.50	
			1	243	28.28	28.13	28.06	28.11	
			123	61	27.82	27.66	27.65	27.67	
			245	0	26.51	26.36	26.35	26.20	
		CP 16QAM	1	1	27.72	27.49	27.50	27.45	
		CP 64QAM	1	1	26.21	25.93	25.96	26.05	
		CP 256QAM	1	1	23.11	22.89	22.86	22.89	

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)											
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)											
					Low			Low			Mid			High		
					509202			510000			518598			528000		
					2546.01			2550			2592.99			2640		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
100	30	CP QPSK	1	1	19.09	19.58	22.35	18.97	19.46	22.23	19.35	19.77	22.58	19.04	19.60	22.34
			1	271	19.2	19.42	22.32	19.07	19.27	22.18	18.86	19.09	21.99	19.07	19.27	22.18
			137	68	18.78	18.79	21.80	18.66	18.66	21.67	18.68	18.6	21.65	18.48	18.49	21.50
			273	0	17.32	17.65	20.50	17.11	17.45	20.29	17.04	17.33	20.20	17.19	17.42	20.32
		CP 16QAM	1	1	18.39	18.57	21.49	18.16	18.41	21.30	18.09	18.28	21.20	18.14	18.34	21.25
		CP 64QAM	1	1	17.12	17.23	20.19	16.94	16.93	19.95	16.84	17.1	19.98	16.85	16.95	19.91
		CP 256QAM	1	1	14.11	14.15	17.14	13.91	14.00	16.97	13.77	13.88	16.84	14.00	13.82	16.92

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					EIRP (dBm)							
Directional Gain(dBi)			6.16		Channel (ARFCH)/ Frequency(MHz)							
EIRP Limit (W)			2		Low		Low		Mid		High	
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	509202		510000		518598		528000	
					2546.01		2550		2592.99		2640	
					Total		Total		Total		Total	
100	30	CP QPSK	1	1	28.51		28.39		28.73		28.50	
			1	271	28.48		28.34		28.14		28.34	
			137	68	27.95		27.83		27.81		27.65	
			273	0	26.66		26.45		26.35		26.47	
		CP 16QAM	1	1	27.65		27.45		27.35		27.41	
		CP 64QAM	1	1	26.34		26.10		26.14		26.07	
		CP 256QAM	1	1	23.30		23.12		22.99		23.08	

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					630668			633334			636000		
					3460.02			3500.01			3540		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
20	30	CP QPSK	1	1	18.84	18.75	21.81	18.90	18.74	21.83	18.90	18.73	21.83
			1	49	18.87	18.53	21.71	18.73	18.40	21.58	18.70	18.37	21.55
			25	12	18.65	18.52	21.60	18.46	18.41	21.45	18.41	18.34	21.39
			51	0	17.28	17.12	20.21	16.95	17.00	19.99	17.09	16.91	20.01
		CP 16QAM	1	1	18.39	17.85	21.14	18.06	17.72	20.90	18.05	17.65	20.86
		CP 64QAM	1	1	16.75	16.66	19.72	16.56	16.39	19.49	16.62	16.49	19.57
		CP 256QAM	1	1	13.78	13.48	16.64	13.50	13.32	16.42	13.68	13.27	16.49

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630668			633334			636000		
					3460.02			3500.01			3540		
					Total			Total			Total		
20	30	CP QPSK	1	1	28.64			28.66			28.66		
			1	49	28.55			28.41			28.38		
			25	12	28.43			28.28			28.22		
			51	0	27.04			26.82			26.84		
		CP 16QAM	1	1	27.97			27.74			27.70		
		CP 64QAM	1	1	26.55			26.32			26.40		
		CP 256QAM	1	1	23.47			23.25			23.32		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					631000			633334			635666		
					3465			3500.01			3534.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
30	30	CP QPSK	1	1	18.85	18.75	21.81	18.84	18.65	21.76	18.93	18.76	21.86
			1	76	18.82	18.34	21.60	18.64	18.00	21.34	18.68	18.19	21.45
			39	19	18.93	18.54	21.75	18.61	18.35	21.49	18.66	18.43	21.56
			78	0	17.44	17.02	20.25	17.14	16.87	20.02	17.26	16.76	20.03
		CP 16QAM	1	1	18.13	18.04	21.10	18.03	17.82	20.94	17.84	17.89	20.88
		CP 64QAM	1	1	16.77	16.53	19.66	16.46	16.19	19.34	16.67	16.32	19.51
		CP 256QAM	1	1	13.63	13.56	16.61	13.38	13.22	16.31	13.40	13.31	16.37

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631000			633334			635666		
					3465			3500.01			3534.99		
					Total			Total			Total		
30	30	CP QPSK	1	1	28.64			28.59			28.69		
			1	76	28.43			28.17			28.28		
			39	19	28.58			28.32			28.39		
			78	0	27.08			26.85			26.86		
		CP 16QAM	1	1	27.93			27.77			27.71		
		CP 64QAM	1	1	26.49			26.17			26.34		
		CP 256QAM	1	1	23.44			23.14			23.20		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					631334			633334			635332		
					3470.01			3500.01			3529.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
40	30	CP QPSK	1	1	18.95	18.6	21.79	18.87	18.50	21.70	18.84	18.57	21.72
			1	104	18.87	18.35	21.63	18.63	18.24	21.45	18.54	18.01	21.29
			53	26	18.76	18.42	21.60	18.51	18.20	21.37	18.55	18.25	21.41
			106	0	17.39	16.98	20.20	17.11	16.71	19.92	17.08	16.65	19.88
		CP 16QAM	1	1	18.09	18.01	21.06	17.89	17.83	20.87	17.79	17.79	20.80
		CP 64QAM	1	1	16.94	16.87	19.92	16.84	16.73	19.80	16.84	16.56	19.71
		CP 256QAM	1	1	13.58	13.49	16.55	13.32	13.16	16.25	13.35	13.36	16.37

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631334			633334			635332		
					3470.01			3500.01			3529.98		
					Total			Total			Total		
					28.62			28.53			28.55		
40	30	CP QPSK	1	1	28.46			28.28			28.12		
			1	104	28.44			28.20			28.24		
			53	26	27.03			26.76			26.71		
			106	0	27.89			27.70			27.63		
		CP 16QAM	1	1	26.75			26.63			26.54		
		CP 64QAM	1	1	23.38			23.08			23.20		
		CP 256QAM	1	1									

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					631668			633334			635000		
					3475.02			3500.01			3525		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
50	30	CP QPSK	1	1	18.94	18.85	21.91	18.99	18.88	21.95	18.89	18.86	21.89
			1	131	18.51	18.21	21.37	18.26	17.95	21.12	18.19	18.06	21.14
			67	33	18.86	18.19	21.55	18.58	17.89	21.26	18.76	17.90	21.36
			133	0	17.44	16.73	20.11	17.31	16.49	19.93	17.16	16.57	19.89
		CP 16QAM	1	1	17.91	17.9	20.92	17.79	17.70	20.76	17.79	17.66	20.74
		CP 64QAM	1	1	16.36	16.33	19.36	16.04	16.01	19.04	16.25	16.03	19.15
		CP 256QAM	1	1	13.44	13.24	16.35	13.20	12.91	16.07	13.12	12.92	16.03

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631668			633334			635000		
					3475.02			3500.01			3525		
					Total			Total			Total		
					28.74			28.78			28.72		
50	30	CP QPSK	1	1	28.20			27.95			27.97		
			1	131	28.38			28.09			28.19		
			67	33	26.94			26.76			26.72		
			133	0	27.75			27.59			27.57		
		CP 16QAM	1	1	26.19			25.87			25.98		
		CP 64QAM	1	1	23.18			22.90			22.86		
		CP 256QAM	1	1									

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					632000			633334			634666		
					3480			3500.01			3519.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
60	30	CP QPSK	1	1	19.22	18.7	21.98	19.26	18.62	21.96	19.15	18.63	21.91
			1	160	19.15	18.26	21.74	18.90	17.98	21.47	18.92	18.08	21.53
			81	40	19.07	18.54	21.82	18.87	18.30	21.60	18.93	18.35	21.66
			162	0	17.54	17.05	20.31	17.37	16.95	20.18	17.39	16.76	20.10
		CP 16QAM	1	1	18.16	18.05	21.12	18.00	17.71	20.87	17.94	17.88	20.92
		CP 64QAM	1	1	16.98	16.5	19.76	16.82	16.39	19.62	16.83	16.19	19.53
		CP 256QAM	1	1	13.9	13.63	16.78	13.72	13.34	16.54	13.58	13.40	16.50

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632000			633334			634666		
					3480			3500.01			3519.99		
					Total			Total			Total		
					28.81			28.79			28.74		
60	30	CP QPSK	1	1	28.57			28.31			28.36		
			1	160	28.65			28.44			28.49		
			81	40	27.14			27.01			26.93		
			162	0	27.95			27.70			27.75		
		CP 16QAM	1	1	26.59			26.45			26.36		
		CP 64QAM	1	1	23.61			23.38			23.33		
		CP 256QAM	1	1									

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					632334			633334			634332		
					3485.01			3500.01			3514.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
70	30	CP QPSK	1	1	18.89	18.78	21.85	18.94	18.76	21.86	18.99	18.83	21.92
			1	187	19.11	18.45	21.80	18.88	18.20	21.56	18.86	18.35	21.62
			95	47	19.13	18.31	21.75	19.02	18.00	21.55	18.90	18.16	21.56
			189	0	17.57	16.96	20.29	17.44	16.70	20.10	17.23	16.77	20.02
		CP 16QAM	1	1	18.47	18.15	21.32	18.27	17.85	21.08	18.28	17.86	21.09
		CP 64QAM	1	1	16.52	16.41	19.48	16.33	16.19	19.27	16.37	16.30	19.35
		CP 256QAM	1	1	13.81	13.77	16.80	13.67	13.58	16.64	13.69	13.60	16.66

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632334			633334			634332		
					3485.01			3500.01			3514.98		
					Total			Total			Total		
70	30	CP QPSK	1	1	28.68			28.69			28.75		
			1	187	28.63			28.40			28.45		
			95	47	28.58			28.38			28.39		
			189	0	27.12			26.93			26.85		
		CP 16QAM	1	1	28.15			27.91			27.92		
		CP 64QAM	1	1	26.31			26.10			26.18		
		CP 256QAM	1	1	23.63			23.47			23.49		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					632668			633334			634000		
					3490.02			3500.01			3510		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
80	30	CP QPSK	1	1	18.96	18.81	21.90	18.84	18.80	21.83	19.06	18.73	21.91
			1	215	18.9	18.32	21.63	18.80	18.01	21.43	18.64	18.10	21.39
			109	54	18.92	18.32	21.64	18.77	18.14	21.48	18.68	18.21	21.46
			217	0	17.59	16.98	20.31	17.38	16.69	20.06	17.30	16.86	20.10
		CP 16QAM	1	1	17.64	16.94	20.31	17.42	16.60	20.04	17.36	16.80	20.10
		CP 64QAM	1	1	17.04	16.53	19.80	16.93	16.20	19.59	16.90	16.42	19.68
		CP 256QAM	1	1	14.07	13.45	16.78	13.97	13.14	16.59	13.87	13.32	16.61

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632668			633334			634000		
					3490.02			3500.01			3510		
					Total			Total			Total		
80	30	CP QPSK	1	1	28.73			28.66			28.74		
			1	215	28.46			28.26			28.22		
			109	54	28.47			28.31			28.29		
			217	0	27.14			26.89			26.93		
		CP 16QAM	1	1	27.15			26.87			26.93		
		CP 64QAM	1	1	26.63			26.42			26.51		
		CP 256QAM	1	1	23.61			23.42			23.45		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					633000			633334			633666		
					3495			3500.01			3504.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
90	30	CP QPSK	1	1	18.9	18.81	21.87	18.86	18.82	21.85	18.85	18.71	21.79
			1	243	18.97	18.49	21.75	18.69	18.35	21.53	18.86	18.19	21.55
			123	61	19.07	18.36	21.74	18.78	18.12	21.47	18.80	18.17	21.51
			245	0	17.63	16.97	20.32	17.49	16.80	20.17	17.29	16.71	20.02
		CP 16QAM	1	1	18.45	18.37	21.42	18.24	18.07	21.17	18.21	18.10	21.17
		CP 64QAM	1	1	17	16.62	19.82	16.79	16.33	19.58	16.77	16.43	19.61
		CP 256QAM	1	1	13.73	13.62	16.69	13.57	13.51	16.55	13.50	13.29	16.41

5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	633000			633334			633666		
					3495			3500.01			3504.99		
					Total			Total			Total		
					28.70			28.68			28.62		
90	30	CP QPSK	1	1	28.58			28.37			28.38		
			1	243	28.57			28.30			28.34		
			123	61	27.15			27.00			26.85		
			245	0	28.25			28.00			28.00		
		CP 16QAM	1	1	26.66			26.41			26.45		
		CP 64QAM	1	1	23.52			23.38			23.24		
		CP 256QAM	1	1									

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
								Mid					
								633334					
								3500.01					
								TX1	TX2	Total			
100	30	CP QPSK	1	1	-	-	-	19.25	18.92	22.10	-	-	-
			1	271	-	-	-	18.89	18.77	21.84	-	-	-
			137	68	-	-	-	18.74	18.84	21.80	-	-	-
			273	0	-	-	-	17.54	17.22	20.39	-	-	-
		CP 16QAM	1	1	-	-	-	18.30	18.03	21.18	-	-	-
		CP 64QAM	1	1	-	-	-	16.76	16.32	19.56	-	-	-
		CP 256QAM	1	1	-	-	-	13.54	13.39	16.48	-	-	-

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5G NR Band n77_Part27: 3450 to 3550 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1					Mid					
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset				633334					
								3500.01					
								Total					
100	30	CP QPSK	1	1	-			28.93			-		
			1	271	-			28.67			-		
			137	68	-			28.63			-		
			273	0	-			27.22			-		
		CP 16QAM	1	1	-			28.01			-		
		CP 64QAM	1	1	-			26.39			-		
		CP 256QAM	1	1	-			23.31			-		
5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					647334			656000			664666		
					3710.01			3840			3969.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
20	30	CP QPSK	1	1	18.75	18.7	21.74	18.75	18.67	21.72	18.73	18.61	21.68
			1	49	18.64	18.38	21.52	18.59	18.29	21.45	18.61	18.41	21.52
			25	12	18.44	18.26	21.36	18.40	18.21	21.32	18.55	18.32	21.45
			51	0	17.11	16.82	19.98	17.17	16.90	20.05	17.15	16.95	20.06
		CP 16QAM	1	1	18.13	17.66	20.91	18.16	17.57	20.89	18.14	17.51	20.85
		CP 64QAM	1	1	16.52	16.47	19.51	16.57	16.41	19.50	16.54	16.40	19.48
		CP 256QAM	1	1	13.67	13.3	16.50	13.45	13.15	16.31	13.50	13.37	16.45

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)		
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647334	656000	664666
					3710.01	3840	3969.99
					Total	Total	Total
20	30	CP QPSK	1	1	28.57	28.55	28.51
			1	49	28.35	28.28	28.35
			25	12	28.19	28.15	28.28
			51	0	26.81	26.88	26.89
		CP 16QAM	1	1	27.74	27.72	27.68
		CP 64QAM	1	1	26.34	26.33	26.31
		CP 256QAM	1	1	23.33	23.14	23.28

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					647668			656000			664332		
					3715.02			3840			3964.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
30	30	CP QPSK	1	1	18.71	18.68	21.71	18.80	18.74	21.78	18.72	18.82	21.78
			1	76	18.52	18.22	21.38	18.70	18.02	21.38	18.48	18.02	21.27
			39	19	18.6	18.33	21.48	18.63	18.27	21.46	18.76	18.23	21.51
			78	0	17.21	16.91	20.07	17.14	16.90	20.03	17.31	16.82	20.08
		CP 16QAM	1	1	17.89	17.85	20.88	18.03	17.82	20.94	18.03	17.83	20.94
		CP 64QAM	1	1	16.6	16.32	19.47	16.47	16.25	19.37	16.52	16.22	19.38
		CP 256QAM	1	1	13.35	13.26	16.32	13.39	13.42	16.42	13.51	13.41	16.47

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647668			656000			664332		
					3715.02			3840			3964.98		
					Total			Total			Total		
30	30	CP QPSK	1	1	28.54			28.61			28.61		
			1	76	28.21			28.22			28.10		
			39	19	28.31			28.30			28.34		
			78	0	26.90			26.86			26.91		
		CP 16QAM	1	1	27.71			27.77			27.77		
		CP 64QAM	1	1	26.30			26.20			26.21		
		CP 256QAM	1	1	23.15			23.25			23.30		

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BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					648000			656000			664000		
					3720			3840			3960		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
40	30	CP QPSK	1	1	18.82	18.49	21.67	18.84	18.70	21.78	18.86	18.61	21.75
			1	104	18.74	18.05	21.42	18.56	18.21	21.40	18.65	18.17	21.43
			53	26	18.64	18.22	21.45	18.50	18.09	21.31	18.46	18.28	21.38
			106	0	17.2	16.78	20.01	17.23	16.76	20.01	17.12	16.85	20.00
		CP 16QAM	1	1	17.85	17.87	20.87	17.78	17.84	20.82	17.79	17.89	20.85
		CP 64QAM	1	1	16.65	16.72	19.70	16.82	16.68	19.76	16.64	16.57	19.62
		CP 256QAM	1	1	13.38	13.15	16.28	13.41	13.27	16.35	13.36	13.26	16.32

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648000			656000			664000		
					3720			3840			3960		
					Total			Total			Total		
40	30	CP QPSK	1	1	28.50			28.61			28.58		
			1	104	28.25			28.23			28.26		
			53	26	28.28			28.14			28.21		
			106	0	26.84			26.84			26.83		
		CP 16QAM	1	1	27.70			27.65			27.68		
		CP 64QAM	1	1	26.53			26.59			26.45		
		CP 256QAM	1	1	23.11			23.18			23.15		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					648334			656000			663666		
					3725.01			3840			3954.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
50	30	CP QPSK	1	1	18.93	18.91	21.93	18.87	18.80	21.85	18.82	18.85	21.85
			1	131	18.29	17.9	21.11	18.35	18.03	21.20	18.28	17.91	21.11
			67	33	18.75	18.07	21.43	18.63	18.02	21.35	18.59	17.96	21.30
			133	0	17.3	16.55	19.95	17.10	16.46	19.80	17.14	16.53	19.86
		CP 16QAM	1	1	17.81	17.75	20.79	17.61	17.63	20.63	17.81	17.78	20.81
		CP 64QAM	1	1	16.08	16.13	19.12	16.07	16.05	19.07	16.07	16.18	19.14
		CP 256QAM	1	1	13.27	13.05	16.17	13.28	13.01	16.16	13.23	12.91	16.08

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648334			656000			663666		
					3725.01			3840			3954.99		
					Total			Total			Total		
					28.76			28.68			28.68		
50	30	CP QPSK	1	1	27.94			28.03			27.94		
			1	131	28.27			28.18			28.13		
			67	33	26.78			26.63			26.69		
			133	0	27.62			27.46			27.64		
		CP 16QAM	1	1	25.95			25.90			25.97		
		CP 64QAM	1	1	23.00			22.99			22.91		
		CP 256QAM	1	1									

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					648668			656000			663332		
					3730.02			3840			3949.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
60	30	CP QPSK	1	1	19.28	18.56	21.95	19.14	18.64	21.91	19.31	18.75	22.05
			1	160	18.97	18.08	21.56	18.91	18.15	21.56	18.83	18.14	21.51
			81	40	18.84	18.28	21.58	18.90	18.28	21.61	18.77	18.43	21.61
			162	0	17.24	16.89	20.08	17.41	16.85	20.15	17.23	16.72	19.99
		CP 16QAM	1	1	18.03	17.72	20.89	18.05	17.85	20.96	17.82	17.92	20.88
		CP 64QAM	1	1	16.66	16.34	19.51	16.67	16.22	19.46	16.82	16.35	19.60
		CP 256QAM	1	1	13.79	13.48	16.65	13.59	13.52	16.57	13.61	13.52	16.58

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648668			656000			663332		
					3730.02			3840			3949.98		
					Total			Total			Total		
60	30	CP QPSK	1	1	28.78			28.74			28.88		
			1	160	28.39			28.39			28.34		
			81	40	28.41			28.44			28.45		
			162	0	26.91			26.98			26.82		
		CP 16QAM	1	1	27.72			27.79			27.71		
		CP 64QAM	1	1	26.34			26.29			26.43		
		CP 256QAM	1	1	23.48			23.40			23.41		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					649000			656000			663000		
					3735			3840			3945		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
70	30	CP QPSK	1	1	18.92	18.81	21.88	18.76	18.67	21.73	18.99	18.78	21.90
			1	187	18.99	18.31	21.67	18.94	18.29	21.64	18.82	18.29	21.57
			95	47	18.84	17.98	21.44	18.94	18.14	21.57	19.03	18.04	21.57
			189	0	17.28	16.78	20.05	17.31	16.64	20.00	17.37	16.85	20.13
		CP 16QAM	1	1	18.32	17.87	21.11	18.14	17.90	21.03	18.33	17.81	21.09
		CP 64QAM	1	1	16.27	16.26	19.28	16.19	16.22	19.22	16.42	16.26	19.35
		CP 256QAM	1	1	13.65	13.44	16.56	13.61	13.52	16.58	13.47	13.56	16.53

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649000			656000			663000		
					3735			3840			3945		
					Total			Total			Total		
70	30	CP QPSK	1	1	28.71			28.56			28.73		
			1	187	28.51			28.47			28.40		
			95	47	28.27			28.40			28.40		
			189	0	26.88			26.83			26.96		
		CP 16QAM	1	1	27.94			27.86			27.92		
		CP 64QAM	1	1	26.11			26.05			26.18		
		CP 256QAM	1	1	23.39			23.41			23.36		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					649334			656000			662666		
					3740.01			3840			3939.99		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
80	30	CP QPSK	1	1	18.82	18.86	21.85	18.97	18.82	21.91	19.00	18.71	21.87
			1	215	18.6	17.99	21.32	18.56	18.10	21.35	18.72	18.22	21.49
			109	54	18.68	18	21.36	18.71	18.00	21.38	18.79	18.15	21.49
			217	0	17.47	16.78	20.15	17.45	16.84	20.17	17.41	16.77	20.11
		CP 16QAM	1	1	17.32	16.61	19.99	17.42	16.80	20.13	17.46	16.61	20.07
		CP 64QAM	1	1	16.93	16.22	19.60	16.90	16.34	19.64	16.76	16.37	19.58
		CP 256QAM	1	1	13.89	13.11	16.53	13.94	13.28	16.63	13.93	13.31	16.64

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649334			656000			662666		
					3740.01			3840			3939.99		
					Total			Total			Total		
80	30	CP QPSK	1	1	28.68			28.74			28.70		
			1	215	28.15			28.18			28.32		
			109	54	28.20			28.21			28.32		
			217	0	26.98			27.00			26.94		
		CP 16QAM	1	1	26.82			26.96			26.90		
		CP 64QAM	1	1	26.43			26.47			26.41		
		CP 256QAM	1	1	23.36			23.46			23.47		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					649668			656000			662332		
					3745.02			3840			3934.98		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
90	30	CP QPSK	1	1	18.97	18.85	21.92	19.00	18.90	21.96	18.94	18.74	21.85
			1	243	18.85	18.39	21.64	18.76	18.29	21.54	18.85	18.18	21.54
			123	61	18.85	18.26	21.58	18.83	18.21	21.54	18.95	18.04	21.53
			245	0	17.33	16.76	20.06	17.29	16.64	19.99	17.30	16.78	20.06
		CP 16QAM	1	1	18.19	18.06	21.14	18.24	18.11	21.19	18.23	18.04	21.15
		CP 64QAM	1	1	16.84	16.33	19.60	16.88	16.51	19.71	16.86	16.49	19.69
		CP 256QAM	1	1	13.57	13.44	16.52	13.55	13.30	16.44	13.62	13.42	16.53

5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)								
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)								
EIRP Limit (W)			1		Low			Mid			High		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649668			656000			662332		
					3745.02			3840			3934.98		
					Total			Total			Total		
90	30	CP QPSK	1	1	28.75			28.79			28.68		
			1	243	28.47			28.37			28.37		
			123	61	28.41			28.37			28.36		
			245	0	26.90			26.82			26.89		
		CP 16QAM	1	1	27.97			28.02			27.98		
		CP 64QAM	1	1	26.43			26.54			26.52		
		CP 256QAM	1	1	23.35			23.27			23.36		

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)								
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	Channel (ARFCH)/ Frequency(MHz)								
					Low			Mid			High		
					650000			656000			662000		
					3750			3840			3930		
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total
100	30	CP QPSK	1	1	19.29	18.79	22.06	19.33	18.87	22.12	19.34	18.91	22.14
			1	271	18.79	18.62	21.72	18.76	18.54	21.66	18.57	18.59	21.59
			137	68	18.56	18.54	21.56	18.53	18.62	21.59	18.43	18.53	21.49
			273	0	17.4	17.09	20.26	17.21	16.91	20.07	17.31	16.90	20.12
		CP 16QAM	1	1	18.17	17.78	20.99	18.01	17.76	20.90	18.13	17.76	20.96
		CP 64QAM	1	1	16.6	16.17	19.40	16.62	16.22	19.43	16.50	16.04	19.29
		CP 256QAM	1	1	13.43	13.18	16.32	13.37	13.23	16.31	13.40	13.19	16.31

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5G NR Band n77_Part27: 3700 to 3980 MHz					EIRP (dBm)		
Directional Gain(dBi)			6.83		Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	650000	656000	662000
					3750	3840	3930
					Total	Total	Total
100	30	CP QPSK	1	1	28.89	28.95	28.97
			1	271	28.55	28.49	28.42
			137	68	28.39	28.42	28.32
			273	0	27.09	26.90	26.95
		CP 16QAM	1	1	27.82	27.73	27.79
		CP 64QAM	1	1	26.23	26.27	26.12
		CP 256QAM	1	1	23.15	23.14	23.14

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## 2 OCCUPIED BANDWIDTH MEASUREMENT

5G NR BAND n41 Channel bandwidth: 20MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2506.02	501204	TX1	18.2030	18.1620	18.1780	18.1760	19.8700	19.4700	19.6200	19.4900
		TX2	18.2580	18.2410	18.1870	18.1490	19.6000	19.6500	19.4700	19.4500
2510.01	502002	TX1	18.2590	18.2300	18.2150	18.1710	19.6800	19.6400	19.5700	19.4900
		TX2	18.2500	18.2320	18.2140	18.2300	19.5500	19.6100	19.5400	19.5300
2592.99	518598	TX1	18.2450	18.2450	18.2070	18.2660	19.6400	19.6400	19.5800	19.4800
		TX2	18.2420	18.2480	18.2620	18.2150	19.6000	19.6700	19.6600	19.4700
2679.99	535998	TX1	18.2050	18.2020	18.2420	18.2330	19.7000	19.5200	19.5400	19.5200
		TX2	18.2300	18.3030	18.1930	18.2340	19.5400	19.6400	19.6300	19.6200
5G NR BAND n41 Channel bandwidth: 30MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2511.00	502200	TX1	27.8840	27.8060	27.8810	27.7770	29.5300	29.5600	29.4800	29.4100
		TX2	27.8130	27.8010	27.9250	27.7740	29.5400	29.5600	29.6900	29.4900
2515.02	503004	TX1	27.8550	27.8880	27.8340	27.8340	29.5800	29.6400	29.5000	29.4600
		TX2	27.8100	27.8680	27.8680	27.7360	29.5600	29.5900	29.5700	29.5900
2592.99	518598	TX1	27.8370	27.8320	27.8800	27.7840	29.5400	29.5100	29.4800	29.3500
		TX2	27.9030	27.8880	27.9300	27.8370	29.5500	29.7500	29.5200	29.3900
2674.98	534996	TX1	27.8070	27.8240	27.7940	27.8180	29.5200	29.5300	29.4900	29.5900
		TX2	27.8170	27.8930	27.8310	27.7960	29.6900	29.6200	29.5400	29.5500
5G NR BAND n41 Channel bandwidth: 40MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2516.01	503202	TX1	37.8010	37.6940	37.8220	37.8550	39.8100	39.8800	39.7700	39.8000
		TX2	37.6800	37.7500	37.6830	37.6700	39.8300	39.7900	39.8800	39.7800
2520.00	504000	TX1	37.7620	37.8510	37.8560	37.8000	39.8800	39.9000	39.7100	39.7100
		TX2	37.7670	37.8840	37.7810	37.7240	39.7500	39.9200	39.7200	39.9200
2592.99	518598	TX1	37.8080	37.8690	37.7950	37.7410	39.8800	39.8700	39.7400	39.7800
		TX2	37.9320	37.8360	37.8300	37.8380	52.3600	39.8600	39.8600	60.2700
2670.00	534000	TX1	37.7610	37.7460	37.6560	37.6670	39.8300	39.7800	39.7000	39.7700
		TX2	37.7600	37.8550	37.8870	37.7820	39.7200	39.8700	39.8200	39.8900

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5G NR BAND n41 Channel bandwidth: 50MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2521.02	504204	TX1	47.5100	47.4480	47.5700	47.5040	49.7300	49.6000	49.9200	49.6100
		TX2	47.4120	47.5230	47.5710	47.4740	49.8600	49.8200	49.7900	49.6500
2525.01	505002	TX1	47.4810	47.5380	47.3910	47.5000	49.6900	49.8500	49.8000	49.6400
		TX2	47.4800	47.4370	47.5260	47.5150	49.9000	49.6600	49.9000	49.6400
2592.99	518598	TX1	47.4290	47.5340	47.4340	47.3730	49.8900	49.7600	49.7300	49.6100
		TX2	47.5250	47.5460	47.4620	47.4190	49.7800	49.8300	49.7800	49.6000
2664.99	532998	TX1	47.4970	47.4460	47.5070	47.4240	49.8400	49.8700	49.9200	49.6300
		TX2	47.5450	47.5800	47.3990	47.4830	49.8600	49.8200	49.7400	49.7600
5G NR BAND n41 Channel bandwidth: 60MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2526.00	505200	TX1	57.7820	57.8040	57.8260	57.9830	60.4500	60.5400	60.4000	60.4700
		TX2	57.8280	57.7690	57.7060	57.9440	60.4100	60.5300	60.4100	60.3500
2530.02	506004	TX1	57.8630	57.8980	57.7670	57.8820	60.4300	60.5300	60.5800	60.6600
		TX2	57.8450	57.8430	57.7030	57.8000	60.4900	60.5300	60.4300	60.5100
2592.99	518598	TX1	57.8820	57.8290	57.8680	57.8180	60.4500	60.4000	60.4300	60.6100
		TX2	57.8040	57.7590	57.7770	57.8040	60.4300	60.4200	60.5100	60.5500
2659.98	531996	TX1	57.5580	57.7080	57.6000	57.7680	60.5200	60.2800	60.2900	60.4000
		TX2	57.9050	57.9490	57.8280	57.7940	60.4800	60.5100	60.4200	60.3400
5G NR BAND n41 Channel bandwidth: 80MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2536.02	507204	TX1	77.4130	77.4400	77.4720	77.4070	80.8300	80.8300	80.8600	80.8600
		TX2	77.2980	77.5550	77.3200	77.2640	80.7600	80.8000	80.7400	80.8300
2540.01	508002	TX1	77.3170	77.4700	77.5540	77.3470	80.8400	80.7800	80.8700	80.9600
		TX2	77.4080	77.3870	77.4940	77.3670	80.8100	80.7200	80.7800	80.6800
2592.99	518598	TX1	77.4760	77.4420	77.3720	77.3740	80.7100	80.7300	80.8100	80.7100
		TX2	77.5040	77.5230	77.3650	77.2410	80.8500	80.7000	80.7400	80.8600
2649.99	529998	TX1	77.3590	77.3750	77.3470	77.2770	80.8200	80.7600	80.7200	80.7800
		TX2	77.4950	77.4540	77.4540	77.3210	80.7700	80.7200	80.8700	80.9000

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5G NR BAND n41 Channel bandwidth: 90MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2541.00	508200	TX1	87.2990	87.2610	87.3450	87.2440	91.0500	91.1600	91.1500	91.0400
		TX2	87.3660	87.1670	87.3050	87.4190	91.0700	91.1200	91.0500	90.9700
2545.02	509004	TX1	87.2060	87.3180	87.1840	87.3980	91.1200	91.1400	91.0200	91.0300
		TX2	87.2880	87.4610	87.3370	87.4220	90.9800	91.1700	91.0900	90.9600
2592.99	518598	TX1	87.1250	87.2330	87.2030	87.4130	91.0300	90.9500	90.9800	91.1300
		TX2	87.2760	87.2810	87.2060	87.2690	90.9900	91.0100	91.1100	91.0900
2644.98	528996	TX1	87.2260	87.3140	87.3230	87.3060	90.9800	91.0500	91.0700	91.0300
		TX2	87.2470	87.3990	87.2520	87.5300	91.1900	91.1000	91.0800	90.9500
5G NR BAND n41 Channel bandwidth: 100MHz										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2546.01	509202	TX1	97.0340	97.1540	97.2120	97.1210	101.5900	101.6800	101.4300	101.4900
		TX2	97.3070	97.4180	97.3850	97.1880	128.8500	101.5900	101.6500	101.6000
2550.00	510000	TX1	97.2330	97.2840	97.1730	97.1530	101.5500	101.5200	101.6400	101.5200
		TX2	97.4230	97.4160	97.5030	97.4450	101.6900	101.5300	101.5700	103.5000
2592.99	518598	TX1	97.2000	97.2890	97.1830	97.0530	101.4700	101.4900	101.6000	101.4800
		TX2	97.3920	97.3570	97.2870	97.1880	101.5300	101.5800	101.6100	101.5300
2640.00	528000	TX1	97.3840	97.2180	97.1810	97.2070	101.6800	101.4900	101.7000	101.4500
		TX2	97.3600	97.2900	97.4010	97.5040	101.5300	101.4800	101.6200	101.5600
5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3460.02	630668	TX1	18.2180	18.2410	18.2690	18.2850	19.6400	19.5800	19.6300	19.6300
		TX2	18.2320	18.2720	18.2190	18.2360	19.6400	19.7700	19.4200	19.6700
3500.01	633334	TX1	18.2540	18.2470	18.2620	18.2240	19.5900	19.6600	19.7500	19.4800
		TX2	18.2550	18.2690	18.2220	18.2680	19.6900	19.7000	19.5700	19.7500
3540.00	636000	TX1	18.2160	18.2350	18.2370	18.2440	19.6000	20.5200	19.6300	19.5800
		TX2	18.2760	18.2630	18.2490	18.1780	19.6800	19.5600	19.6000	19.5900

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5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3465.00	631000	TX1	27.8700	27.8760	27.8810	27.8300	29.6100	29.6700	29.4800	29.3500
		TX2	27.8840	27.8560	27.8750	27.8450	29.6100	29.4900	29.5900	29.3900
3500.01	633334	TX1	27.7790	27.8770	27.8570	27.8240	29.5500	29.6400	29.6300	29.4400
		TX2	27.8190	27.8910	27.8330	27.8230	29.7500	29.6700	29.5000	29.3700
3534.99	635666	TX1	27.8630	27.8660	27.8340	27.8940	29.6400	29.5100	29.6000	29.5000
		TX2	27.8660	27.8940	27.8820	27.8770	29.5700	29.6300	29.4200	29.3900
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3470.01	631334	TX1	37.8210	37.8710	37.9470	37.8560	39.6700	39.7300	39.8400	42.2200
		TX2	37.8010	37.8280	37.8900	37.7820	39.8200	39.8800	39.7400	39.7200
3500.01	633334	TX1	37.8380	37.8950	37.8010	37.8530	39.8900	39.7500	39.8500	39.8000
		TX2	37.8590	37.8000	37.8470	37.7960	39.8800	39.9100	39.8200	39.7900
3529.98	635332	TX1	37.8570	37.8460	37.8650	37.7220	39.7800	39.8900	40.1300	39.8400
		TX2	37.7780	37.9250	37.8160	37.8970	39.8600	39.9500	39.7500	39.8300
5G NR BAND n77_Part27 Channel bandwidth: 50MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3475.02	631668	TX1	47.4910	47.5170	47.4380	47.5000	49.7400	49.7600	49.7400	49.9300
		TX2	47.4750	47.3940	47.5100	47.3760	49.8500	49.7900	49.8100	49.7900
3500.01	633334	TX1	47.4460	47.4070	47.4430	47.5870	49.7000	49.8400	49.8600	51.4600
		TX2	47.5670	47.5430	47.4870	47.5300	49.7700	49.7700	49.7000	49.8000
3525.00	635000	TX1	47.5160	47.4200	47.4440	47.5430	49.7700	49.8100	49.7800	64.9400
		TX2	47.5560	47.5170	47.4700	47.4100	49.8600	49.8800	49.7100	49.8800

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5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3480.00	632000	TX1	57.9370	57.8480	57.9060	57.8900	60.4300	60.5300	60.5800	60.4300
		TX2	57.8460	57.8730	57.8660	57.8190	60.5200	60.6800	60.3600	60.4900
3500.01	633334	TX1	57.9300	57.8420	57.7800	57.7810	60.3600	60.6800	60.4700	60.5300
		TX2	57.8460	57.9210	57.8160	57.9330	60.6100	60.5100	60.3600	60.4100
3519.99	634666	TX1	57.8440	57.8860	57.8740	57.8130	60.4500	60.5300	60.5700	60.4600
		TX2	57.8940	57.9780	57.9470	57.7730	60.5700	60.4200	60.4500	60.4600
5G NR BAND n77_Part27 Channel bandwidth: 70MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3485.01	632334	TX1	67.5400	67.4000	67.4360	67.4570	70.5000	70.6100	70.5700	70.5700
		TX2	67.3680	67.4500	67.4810	67.5230	70.5900	70.4600	70.6800	70.5600
3500.01	633334	TX1	67.3970	67.5490	67.4580	67.4200	70.4900	70.4700	70.5400	70.6300
		TX2	67.4700	67.5290	67.4060	67.3910	70.5900	70.6600	70.6000	70.4600
3514.98	634332	TX1	67.4180	67.4310	67.3820	67.3700	70.5700	70.4900	70.5300	70.6000
		TX2	67.5380	67.3700	67.6240	67.4850	70.6000	70.5300	70.6200	70.3600
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3490.02	632668	TX1	77.3530	77.2990	77.4460	77.3530	80.6800	80.7700	80.7400	80.7900
		TX2	77.6560	77.5430	77.4100	77.2700	80.7900	80.7900	80.8000	80.7900
3500.01	633334	TX1	77.4010	77.6480	77.3490	77.3120	80.8700	102.3800	80.7400	80.8400
		TX2	77.5010	77.5320	77.3250	77.5550	80.7900	80.7500	80.7900	80.7400
3510.00	634000	TX1	77.4620	77.4660	77.4610	77.3360	80.8100	80.7800	80.8300	80.7400
		TX2	77.4320	77.4830	77.4410	77.4290	80.8200	80.8700	80.7800	80.7400

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5G NR BAND n77_Part27 Channel bandwidth: 90MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3495.00	633000	TX1	87.4910	87.2550	87.2750	87.3480	91.0300	90.9700	91.1400	91.0900
		TX2	87.3310	87.4270	87.3990	87.6150	91.0800	91.1000	91.0500	91.0500
3500.01	633334	TX1	87.2630	87.4310	87.2730	87.3450	91.1200	91.1400	90.9500	91.0400
		TX2	87.5400	87.4830	87.4070	87.4020	91.2000	91.1300	91.2100	91.0600
3504.99	633666	TX1	87.3410	87.3830	87.5710	87.3890	91.1300	91.0700	91.0500	90.9900
		TX2	87.6360	87.3330	87.5060	87.4680	91.2400	91.0800	91.2600	91.1100
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3450 to 3550 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
3500.01	633334	TX1	96.8480	97.3850	97.4300	97.3620	101.0900	101.2500	101.1800	100.9900
		TX2	97.0620	97.2530	97.2770	97.5990	101.3200	101.3100	101.1300	101.2300
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3710.01	647334	TX1	18.2440	18.1680	18.2720	18.2760	19.2500	19.1400	19.0800	18.9900
		TX2	18.2200	18.1510	18.1820	18.2580	19.2500	19.3000	19.2400	18.8900
3840.00	656000	TX1	18.2520	18.2380	18.2730	18.3100	19.1100	19.0200	19.2600	19.1800
		TX2	18.1500	18.2910	18.2480	18.3160	18.9600	19.2100	19.0800	19.0100
3969.99	664666	TX1	18.2210	18.2880	18.2240	18.1330	19.2500	19.1600	18.9300	19.1000
		TX2	18.1860	18.2800	18.2690	18.1740	19.2000	19.2300	19.3200	19.0900

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5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3715.02	647668	TX1	27.8590	27.8560	27.7830	27.7670	29.0600	29.1800	29.0600	29.0000
		TX2	27.8250	27.9610	27.8830	27.7250	29.2900	29.2900	29.1500	29.2100
3840.00	656000	TX1	27.8450	27.8050	27.8070	27.8110	29.0500	29.0700	29.1400	28.9100
		TX2	27.7780	27.8550	27.8310	27.7660	29.1400	28.9300	29.1100	28.9500
3964.98	664332	TX1	27.8510	27.9690	27.8810	27.8750	29.0900	29.0000	29.1000	29.0600
		TX2	27.7040	27.7740	27.8870	27.6660	29.1100	29.2300	28.9400	29.4400
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3720.00	648000	TX1	37.8580	37.8760	37.7810	37.8570	39.3500	39.3900	39.1300	39.4900
		TX2	37.7620	37.9900	37.9110	37.7290	39.4000	39.5200	39.4100	39.5200
3840.00	656000	TX1	37.8790	37.6960	37.8040	37.7830	39.3700	39.4200	39.4200	39.5000
		TX2	37.9240	37.8230	37.9580	37.7830	39.3100	39.5700	39.4100	39.4200
3960.00	664000	TX1	37.7650	37.9000	37.8050	37.7590	39.6000	39.7600	39.3200	39.4900
		TX2	37.6990	37.6850	37.8070	37.7840	39.5500	39.3900	39.3300	39.5400
5G NR BAND n77_Part27 Channel bandwidth: 50MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3725.01	648334	TX1	47.3690	47.2150	47.2490	47.3630	49.4600	49.2300	49.3500	49.5200
		TX2	47.4040	47.3470	47.4840	47.5470	49.4300	49.5300	49.6000	49.4800
3840.00	656000	TX1	47.4680	47.3750	47.3600	47.3550	49.5900	49.4900	49.5800	49.3800
		TX2	47.4460	47.5830	47.4080	47.7210	49.4300	49.2700	49.4300	49.5400
3954.99	663666	TX1	47.3710	47.5980	47.3390	47.3880	49.4400	49.4500	49.4900	49.3400
		TX2	47.3610	47.5940	47.3740	47.4290	49.5000	49.4600	49.6200	49.3700

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5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3730.02	648668	TX1	57.8220	57.9720	57.6510	58.0160	60.2300	60.2800	60.0900	60.0100
		TX2	57.8010	57.7370	57.5960	57.8770	60.2900	60.2300	60.1900	60.0400
3840.00	656000	TX1	57.8870	57.9940	58.1090	57.8630	60.3400	60.2600	60.2100	60.2700
		TX2	57.8240	57.8590	57.8520	57.6390	60.2500	60.3100	60.0800	60.2200
3949.98	663332	TX1	57.7210	57.7900	58.1590	57.8030	60.4100	60.0800	60.2700	60.1300
		TX2	57.8090	57.8020	58.1360	57.4850	60.1800	60.2600	60.5500	60.0700
5G NR BAND n77_Part27 Channel bandwidth: 70MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3735.00	649000	TX1	67.3830	67.2750	67.3800	67.3340	70.2300	70.2500	70.2600	70.3100
		TX2	67.4100	67.4000	67.5760	67.5070	70.1700	70.3200	70.1800	70.3500
3840.00	656000	TX1	67.4860	67.3990	67.3460	67.5410	70.4300	70.1800	70.3100	70.4200
		TX2	67.3180	67.2610	67.1990	67.0130	70.3100	70.2600	70.3400	70.1100
3945.00	663000	TX1	67.3130	67.1690	67.4310	67.3670	70.1100	70.2600	70.1100	70.0400
		TX2	67.4400	67.3680	67.3530	67.3070	70.2700	70.2400	70.1700	70.2700
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3740.01	649334	TX1	77.2450	77.4620	77.4080	77.2540	80.5700	80.5600	80.4900	80.7000
		TX2	77.1320	77.5050	76.9530	77.5230	80.5500	80.6700	80.5800	80.6500
3840.00	656000	TX1	77.3250	77.2980	77.5470	77.3690	80.7400	80.7600	80.6500	80.5400
		TX2	77.5460	77.3490	77.4920	77.5460	80.6300	80.6300	80.6400	80.5700
3939.99	662666	TX1	77.3660	77.4560	77.6060	77.4130	80.6600	80.5500	80.3800	80.4400
		TX2	77.4320	77.3580	77.4000	77.5950	80.6000	80.6500	80.2500	80.2900

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5G NR BAND n77_Part27 Channel bandwidth: 90MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3745.02	649668	TX1	87.7100	87.3040	87.4550	87.0880	90.9000	91.1300	90.7100	90.8100
		TX2	87.2350	87.4380	87.1050	87.3170	90.7400	90.7500	90.8000	90.7900
3840.00	656000	TX1	87.2200	87.5850	87.2970	87.3180	90.6500	90.7600	90.6300	90.7600
		TX2	87.3440	87.6390	87.4970	87.3110	90.9200	90.8000	90.7900	90.8100
3934.98	662332	TX1	87.5770	87.4700	87.4450	87.5010	90.9700	90.9500	90.7400	90.8800
		TX2	87.3460	87.1920	87.4020	87.6200	90.6400	90.9700	90.9800	90.9700
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3700 to 3980 MHz)										
CP-OFDM_SCS 30 kHz										
Freq. (MHz)	CH	Antenna	99% BW (MHz)				26 dB BW (MHz)			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3750.00	650000	TX1	97.2670	97.6380	97.0200	97.6110	101.2800	101.5000	101.5700	101.2800
		TX2	97.5990	97.2630	97.6000	97.3850	101.1800	101.1700	101.2400	101.2700
3840.00	656000	TX1	97.3870	97.7020	97.2360	97.1580	101.3400	101.1900	101.1800	101.1400
		TX2	97.3330	97.0590	97.3410	97.3320	101.3400	101.5500	101.2200	101.1400
3930.00	662000	TX1	97.2980	97.0280	97.1090	97.4000	101.4100	100.9400	100.5700	101.0400
		TX2	97.3610	97.5150	97.0460	97.2510	101.4400	101.2200	101.1200	101.0300

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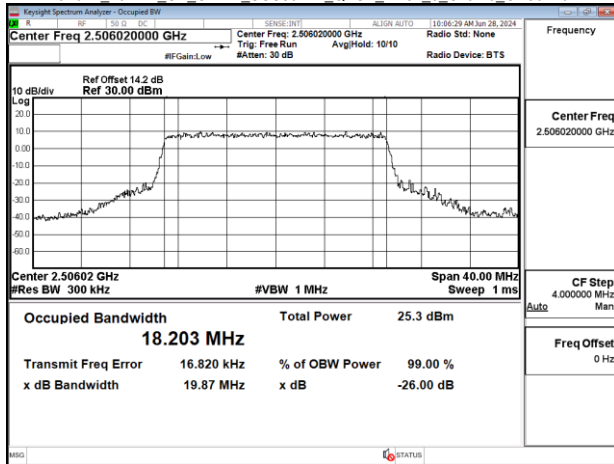
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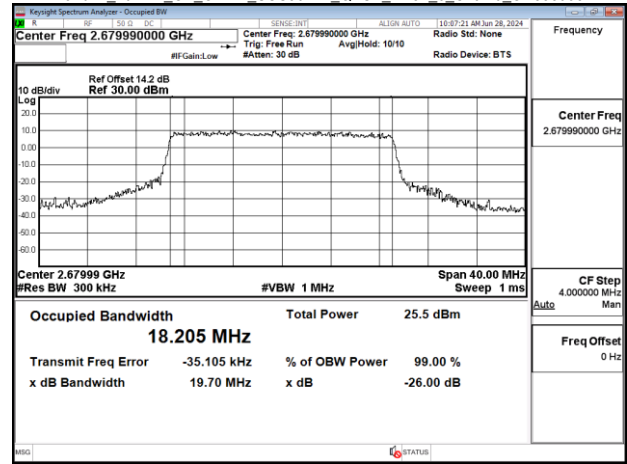
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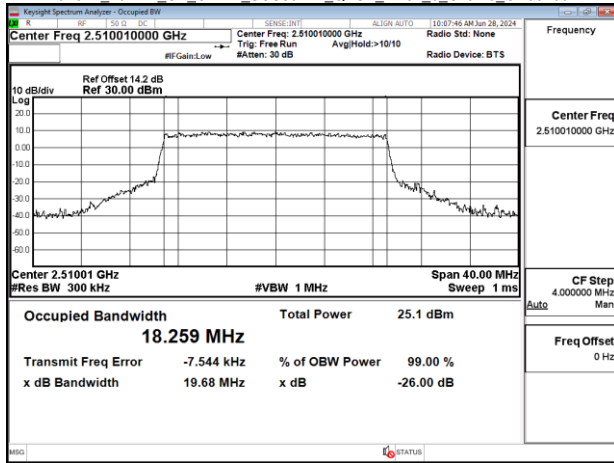
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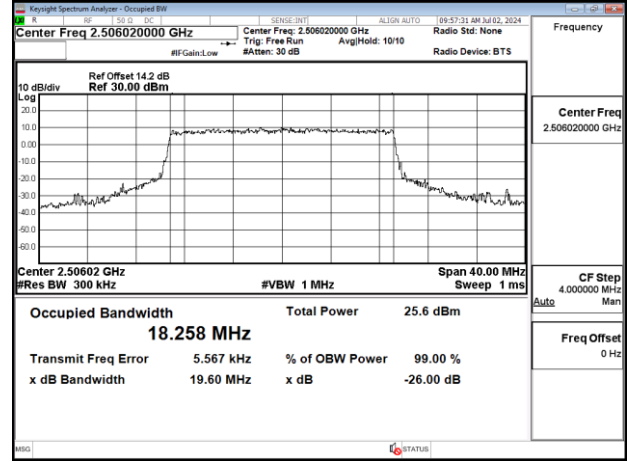
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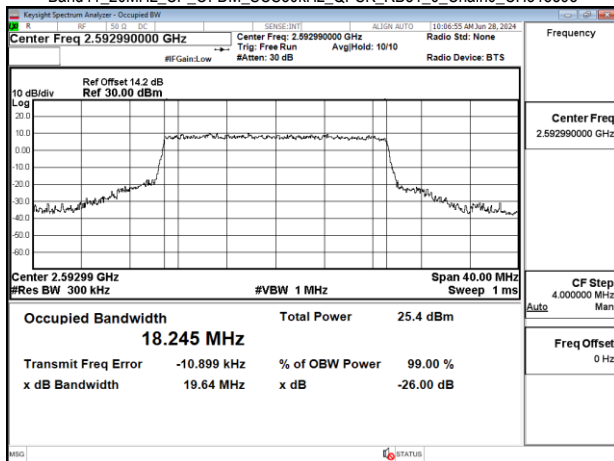
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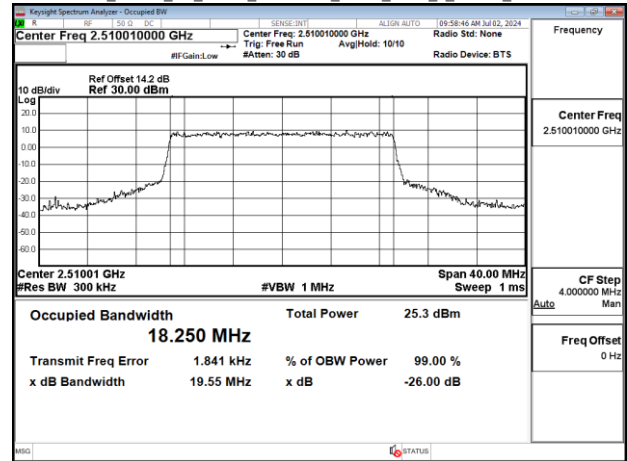
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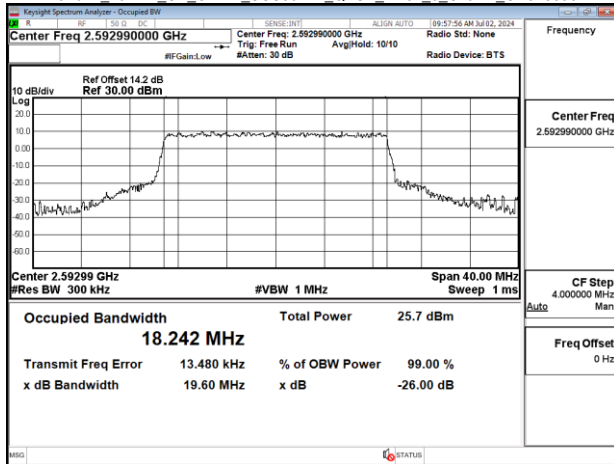
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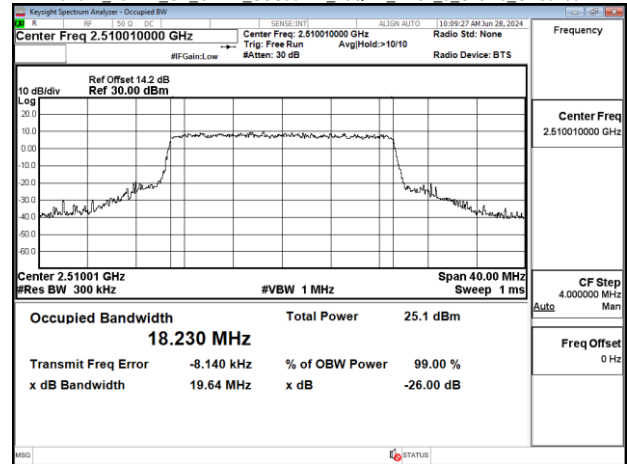
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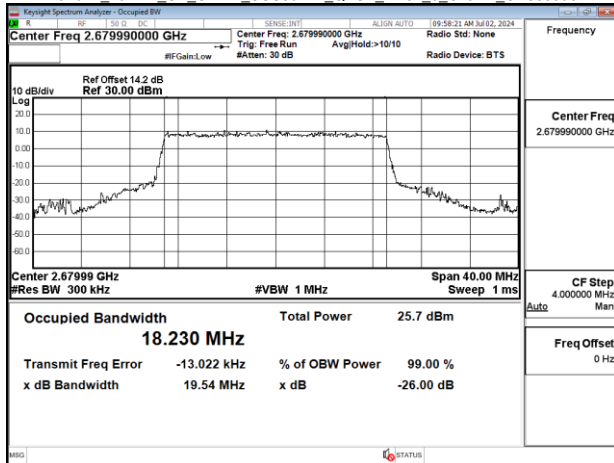
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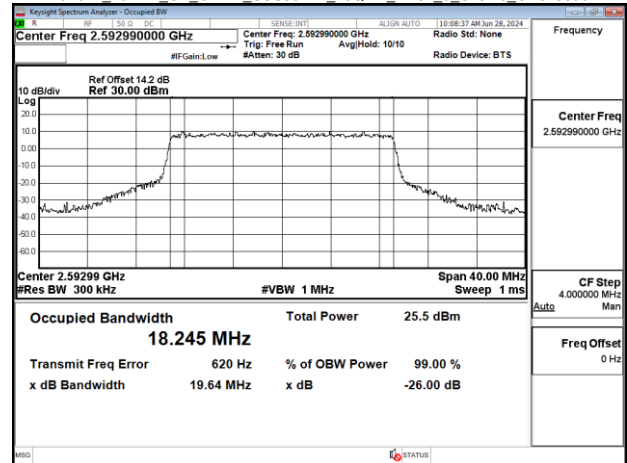
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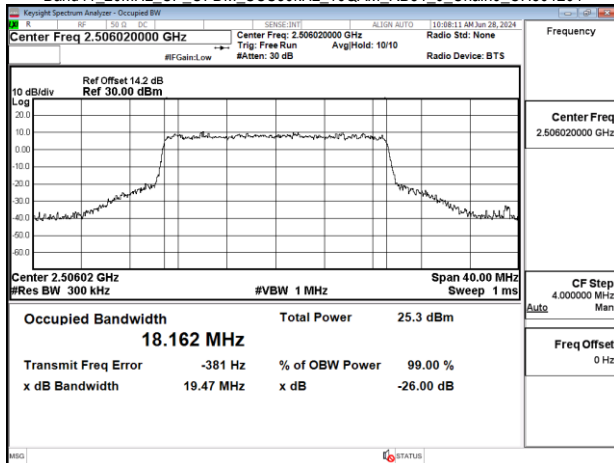
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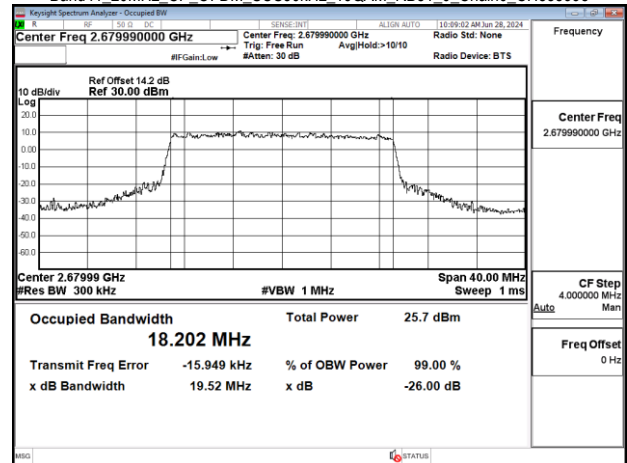
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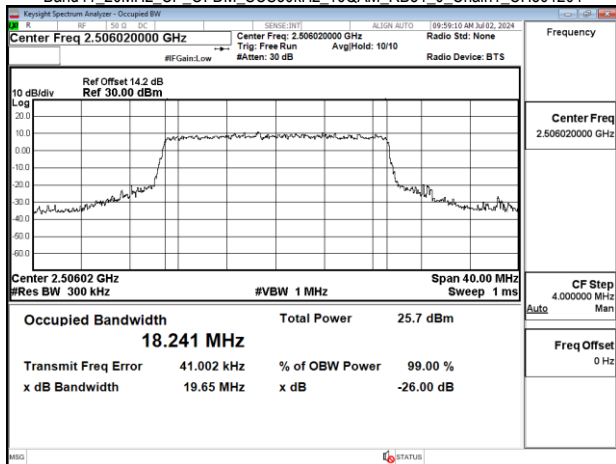


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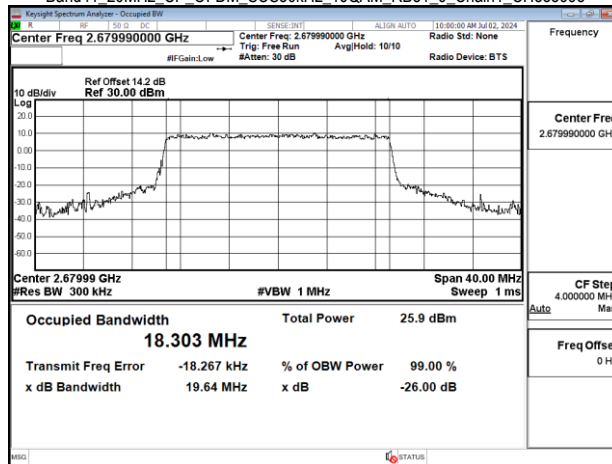
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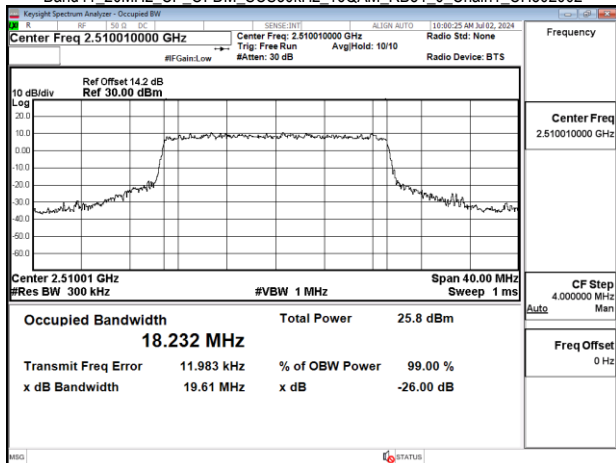
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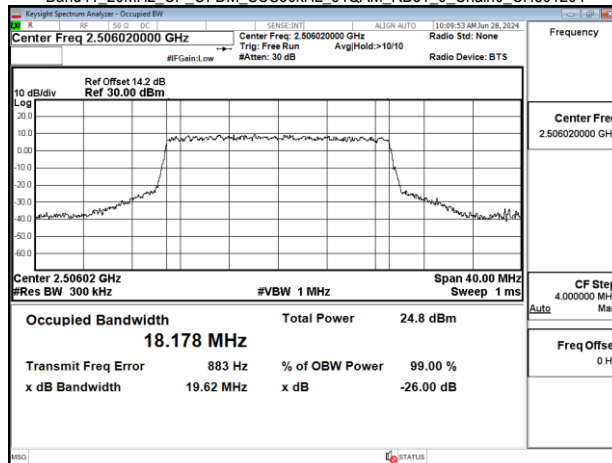
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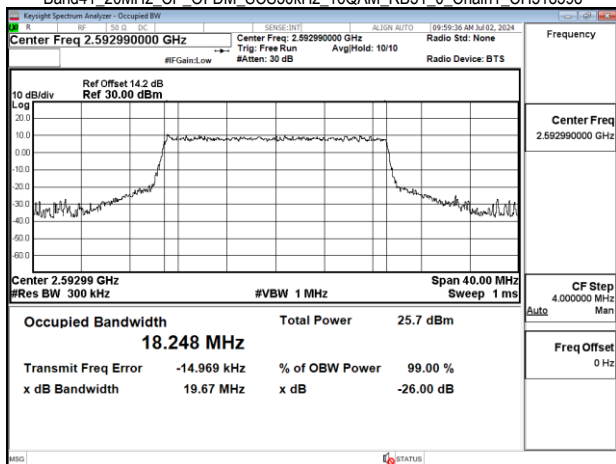
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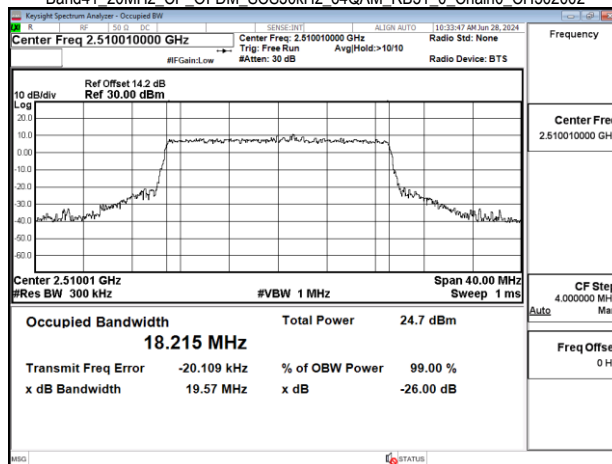
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Band41 20MHz CP OFDM SCS30kHz 16QAM RB51\_0 Chain1\_CH518598



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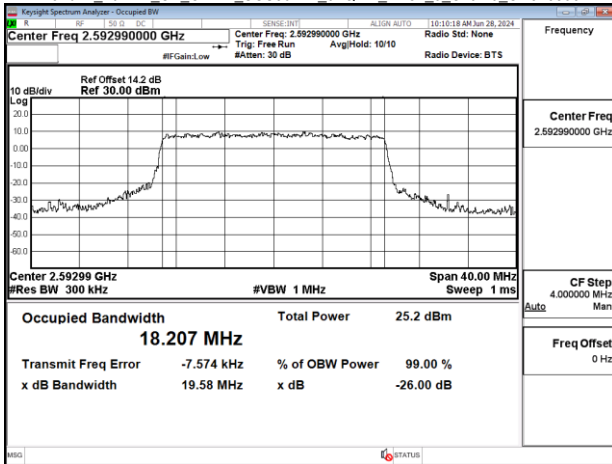
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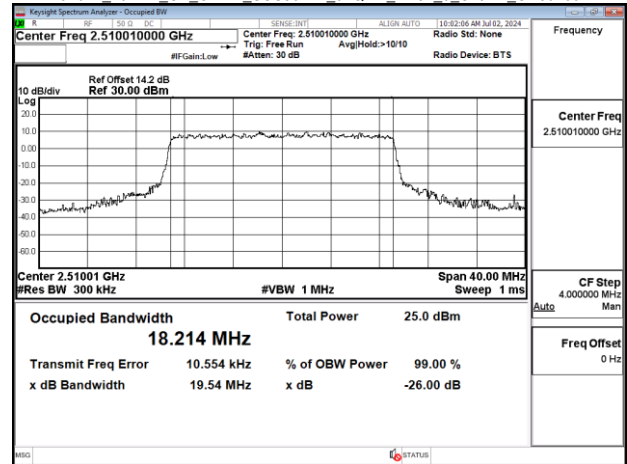
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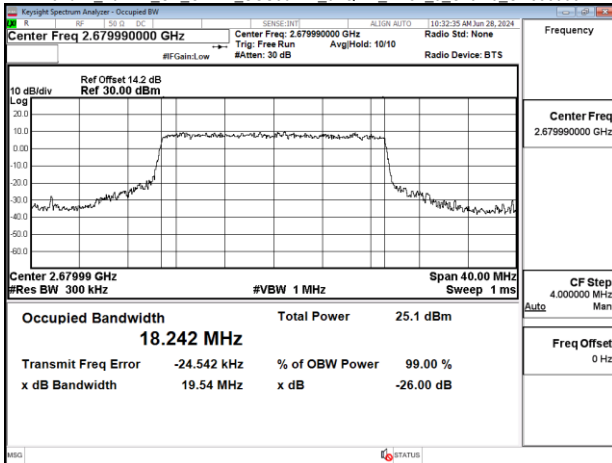
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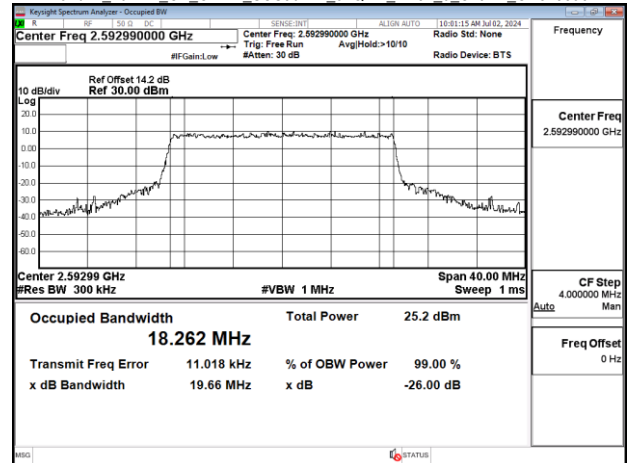
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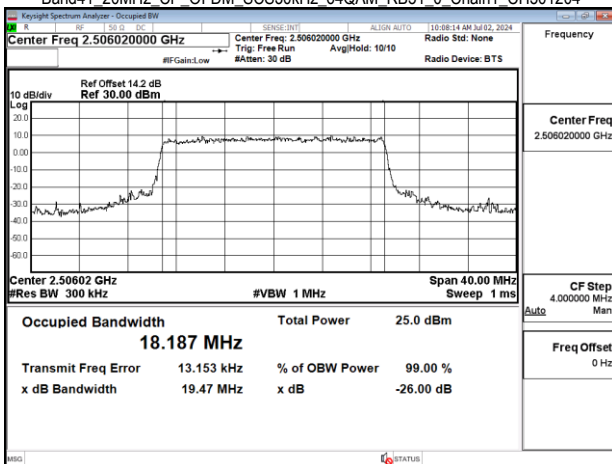
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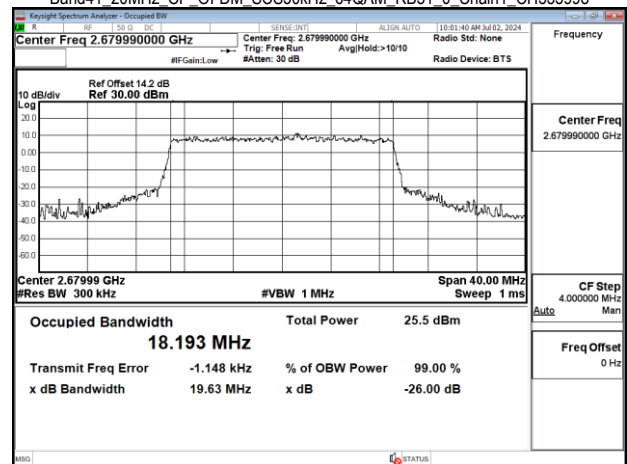
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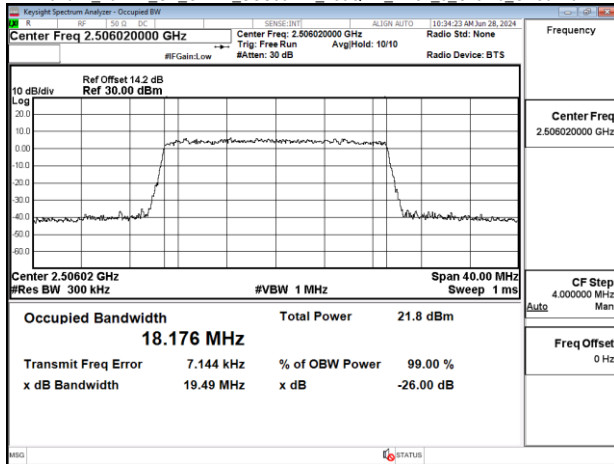


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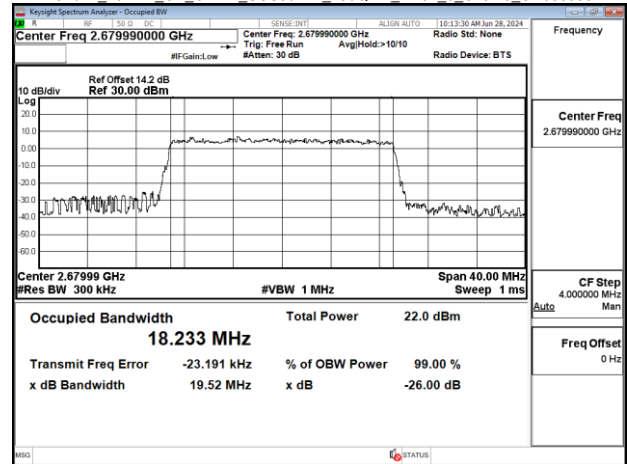
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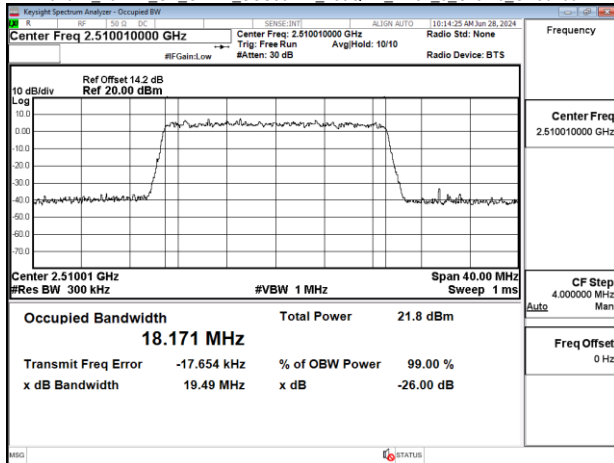
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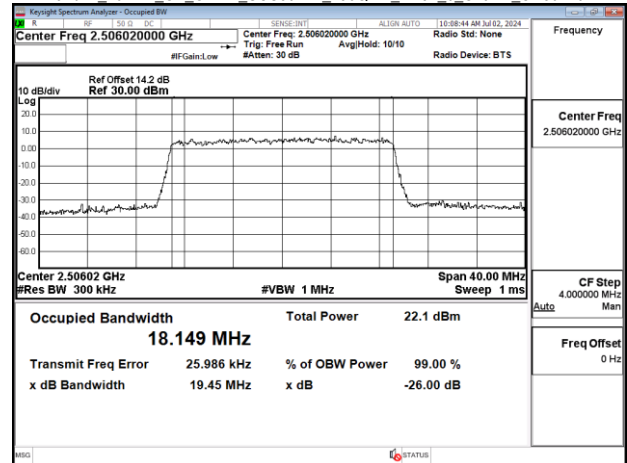
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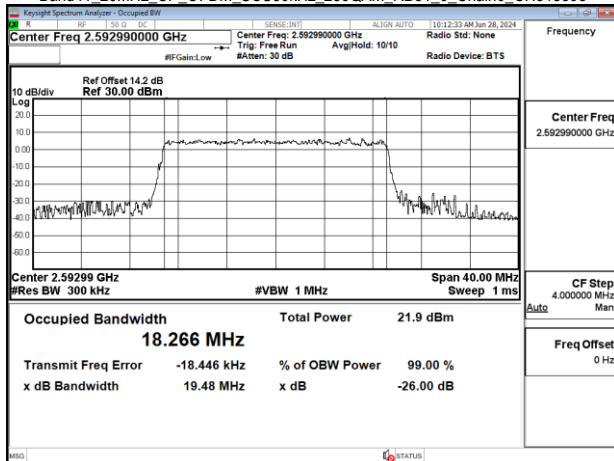
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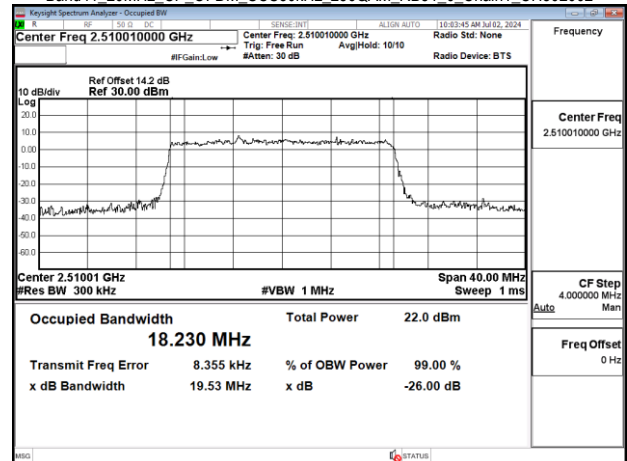
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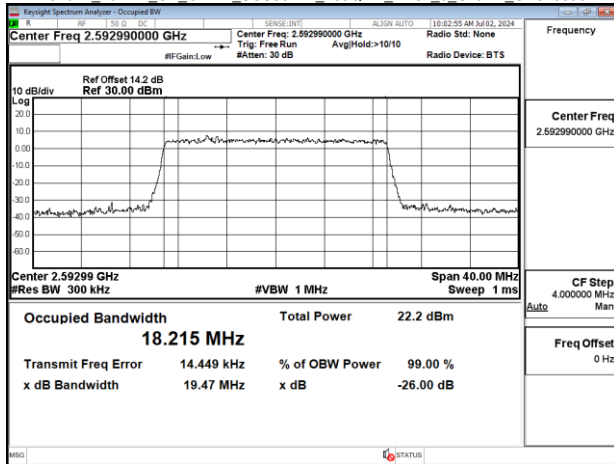


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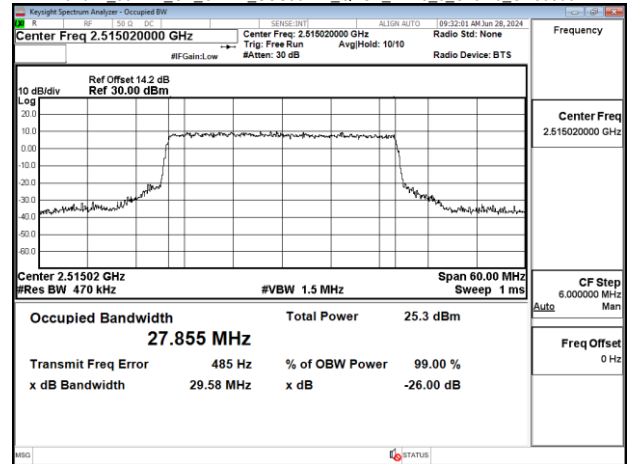
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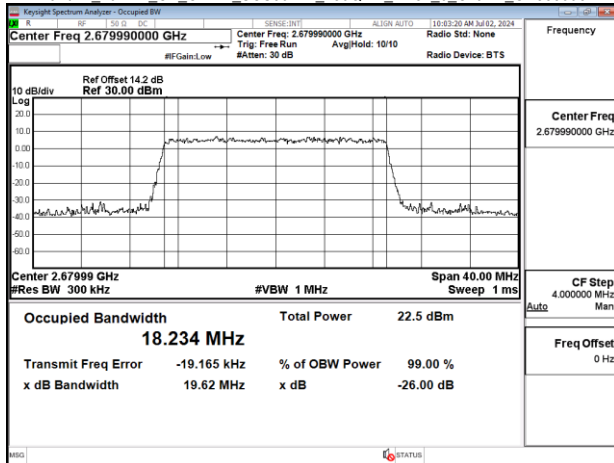
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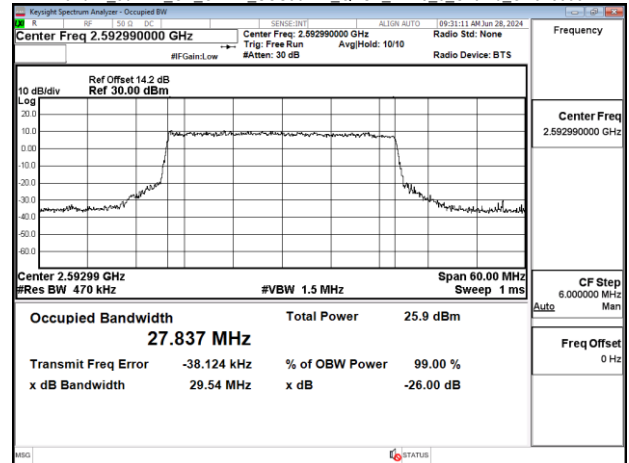
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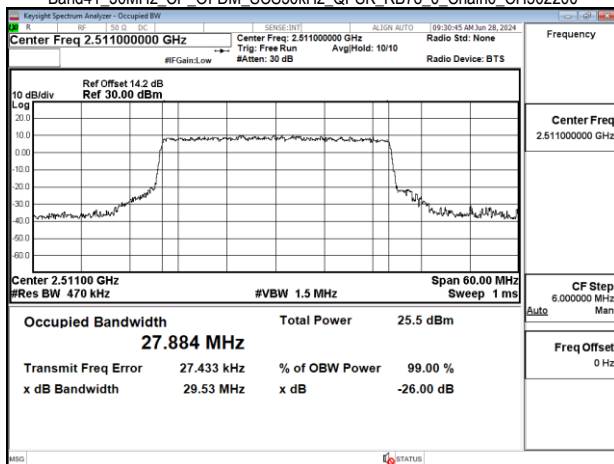
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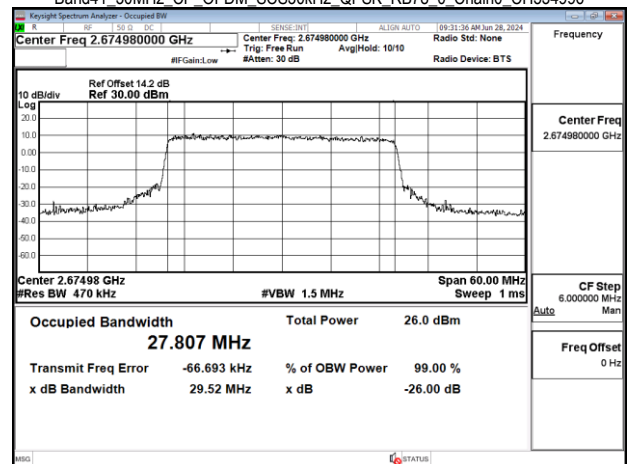
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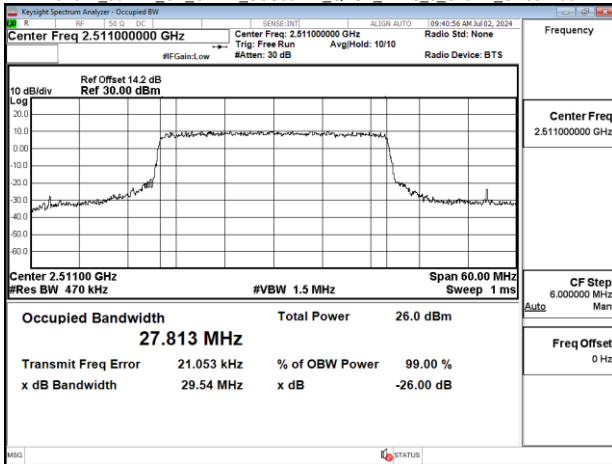


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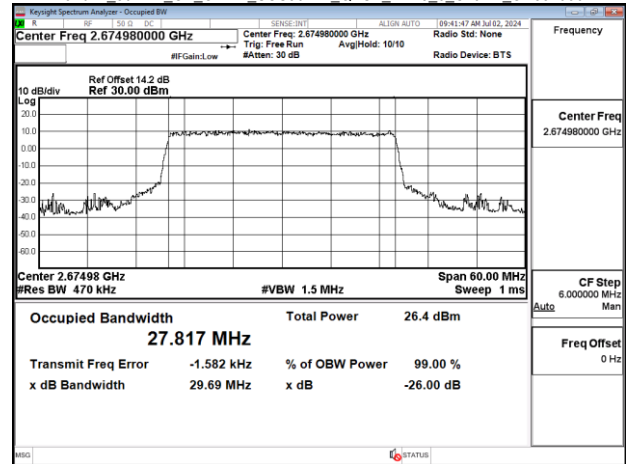
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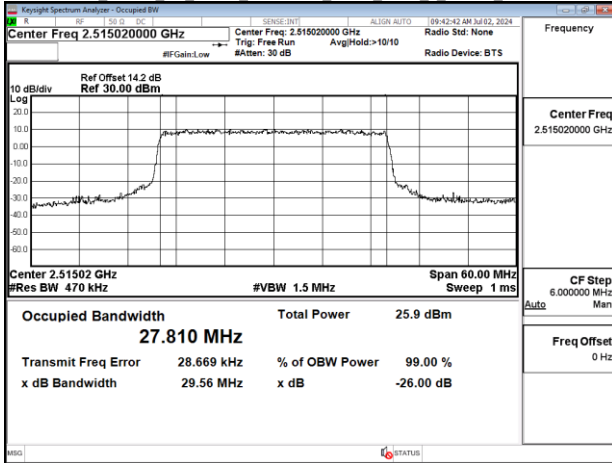
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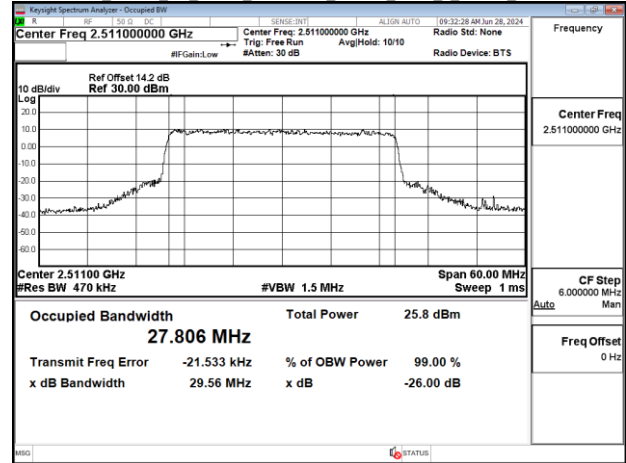
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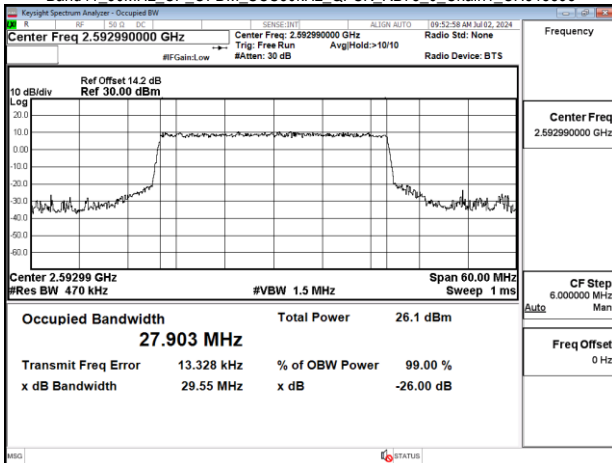
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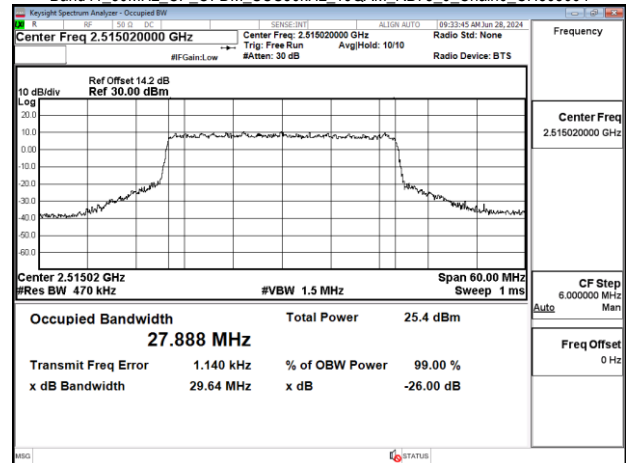
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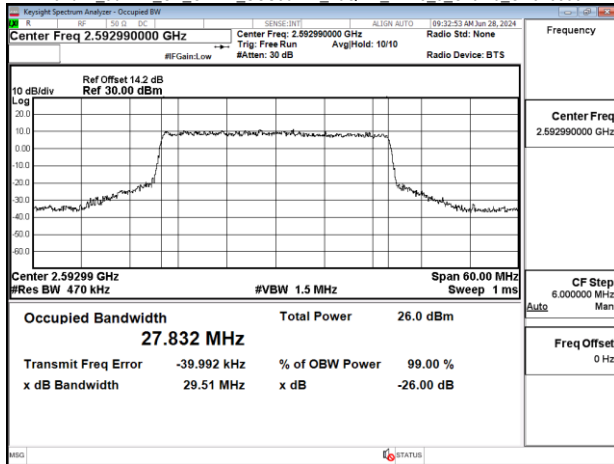


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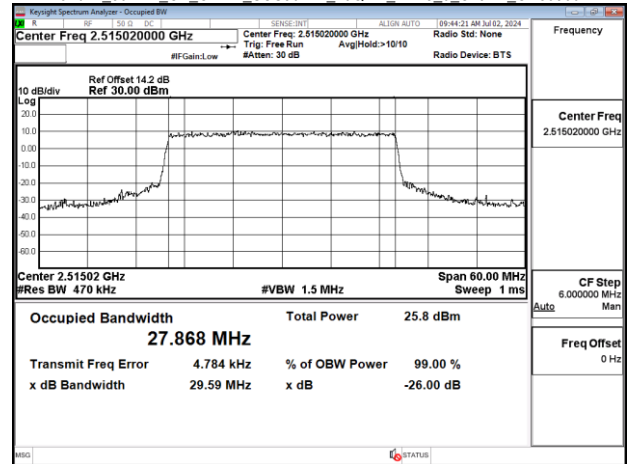
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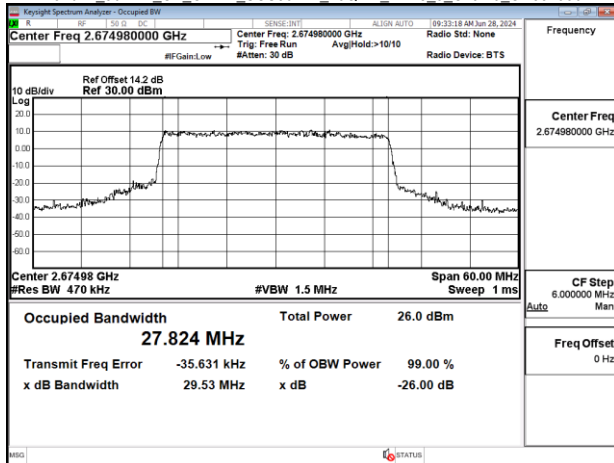
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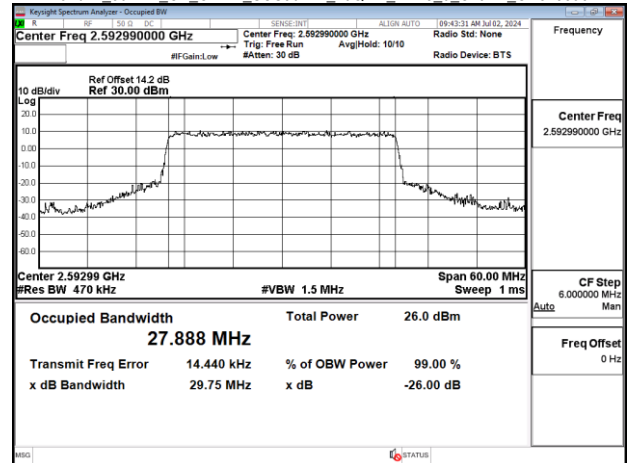
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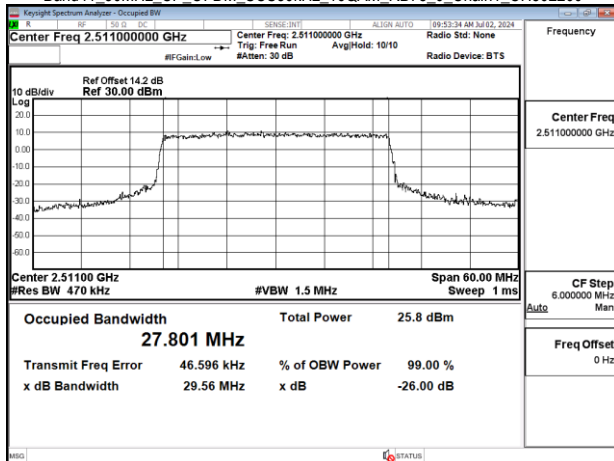
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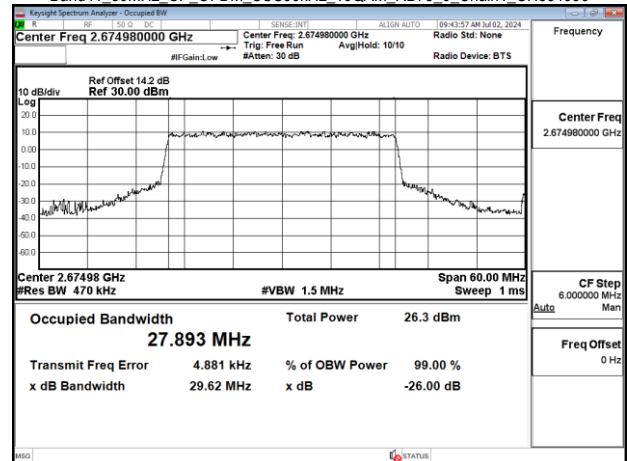
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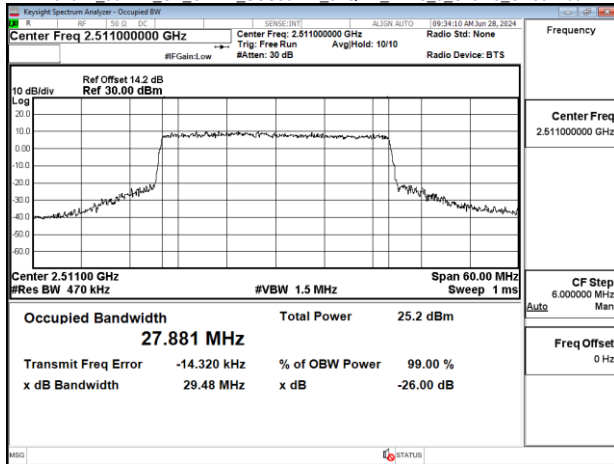


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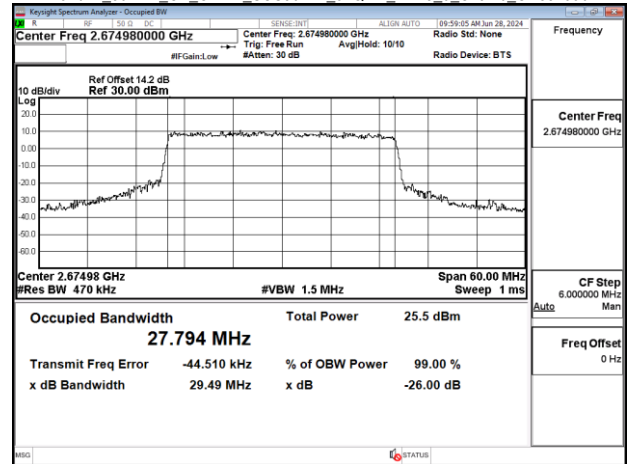
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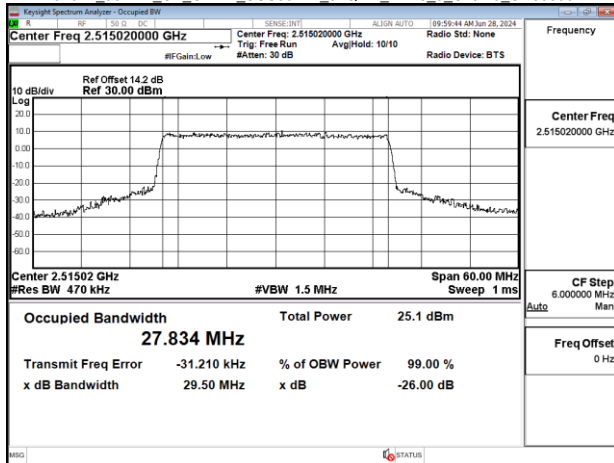
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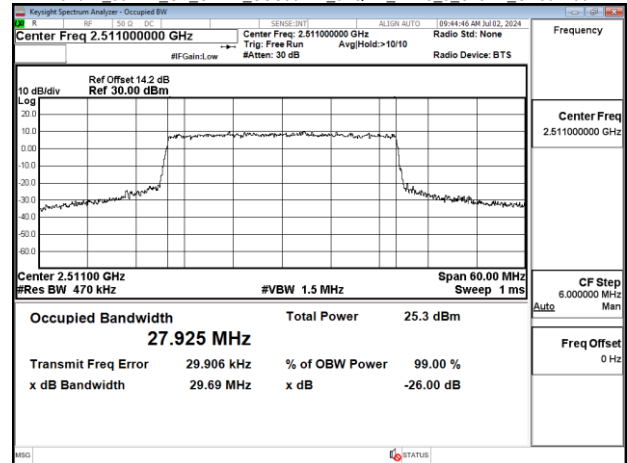
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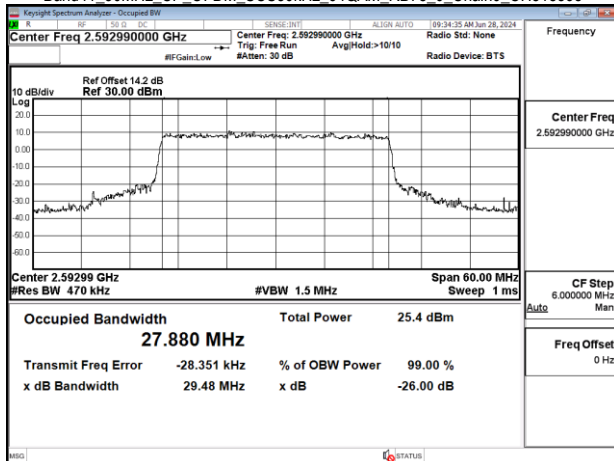
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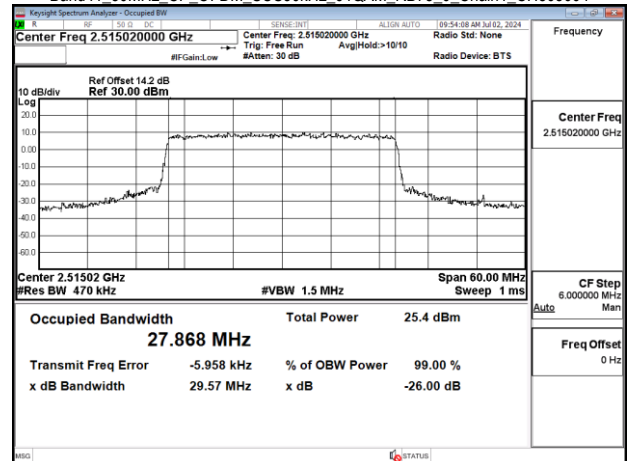
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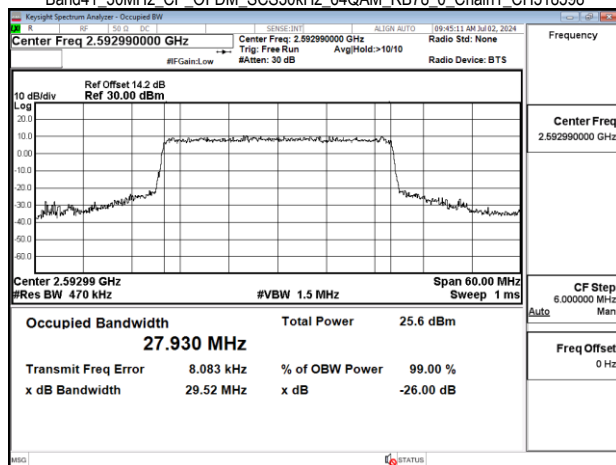
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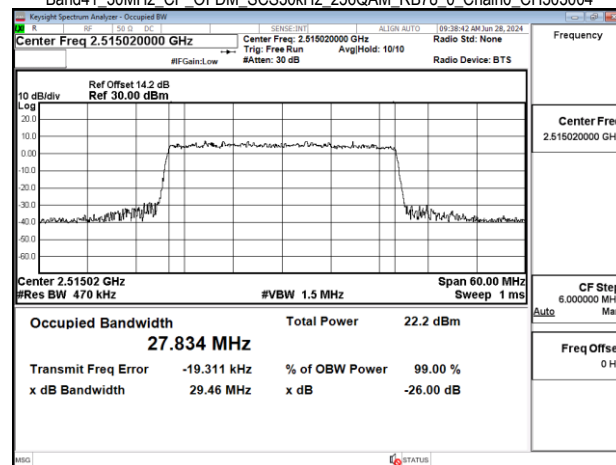
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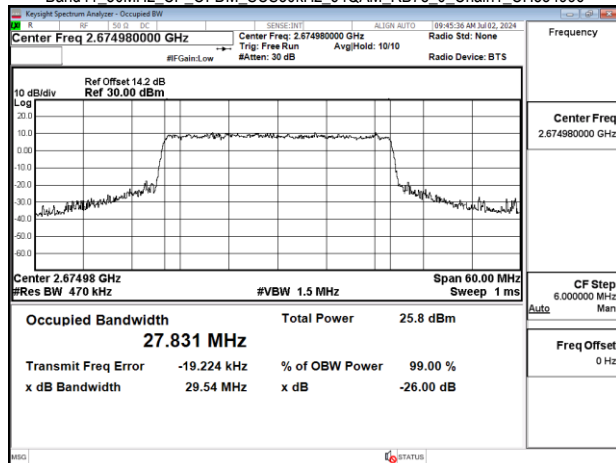
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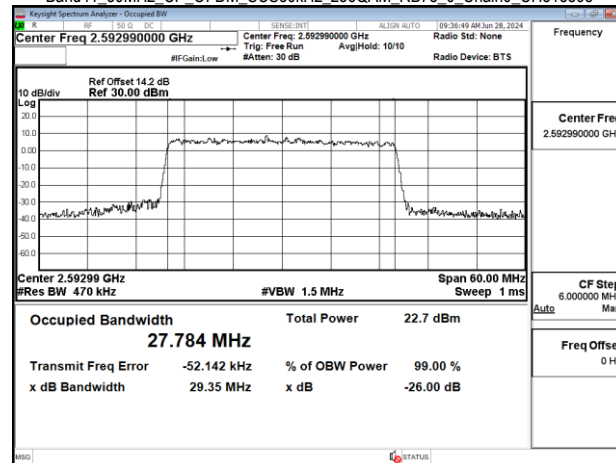
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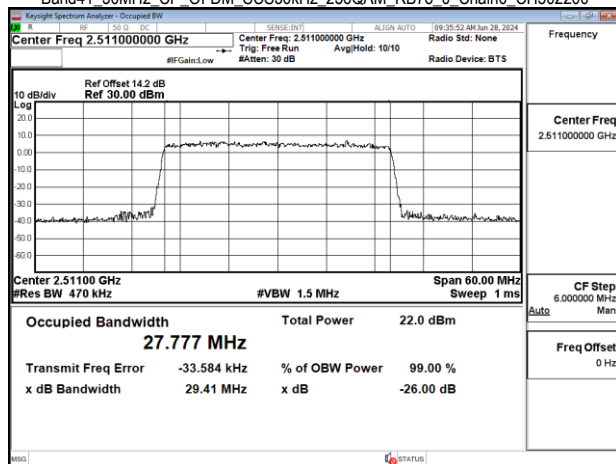
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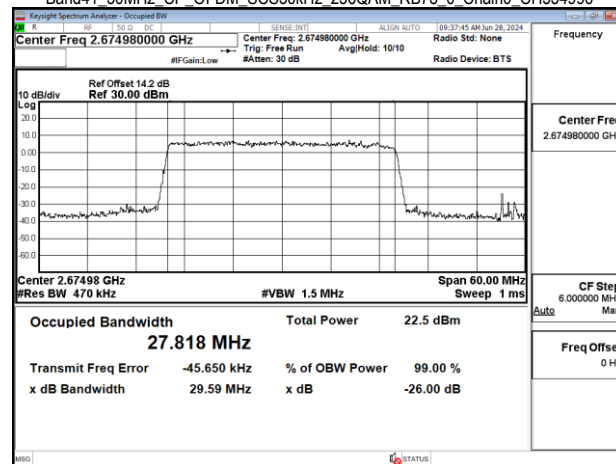
Band41 30MHz CP OFDM SCS30kHz 256QAM RB78 0 Chain0 CH518598



Band41 30MHz CP OFDM SCS30kHz 256QAM RB78 0 Chain0 CH502200



Band41 30MHz CP OFDM SCS30kHz 256QAM RB78 0 Chain0 CH534996

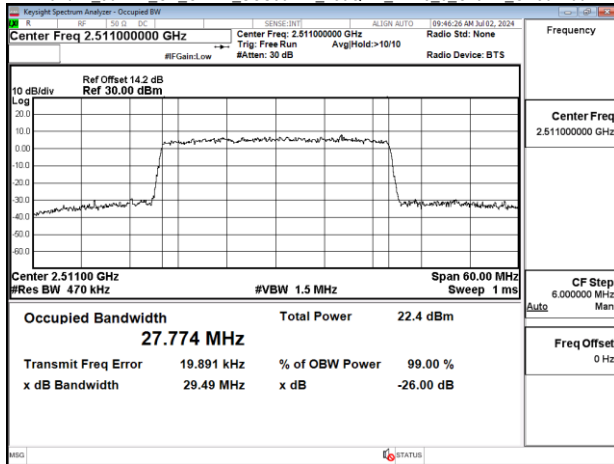


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

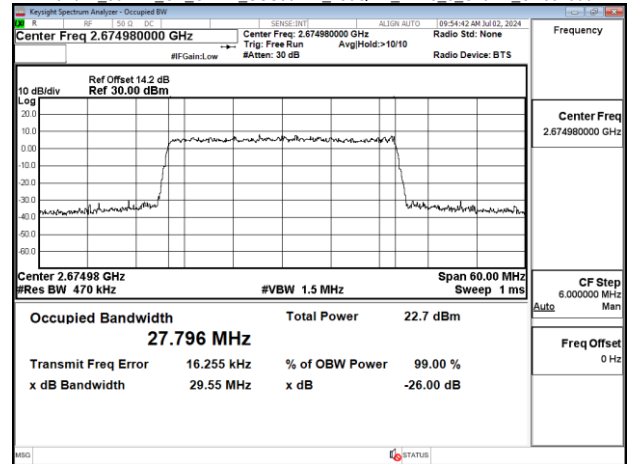
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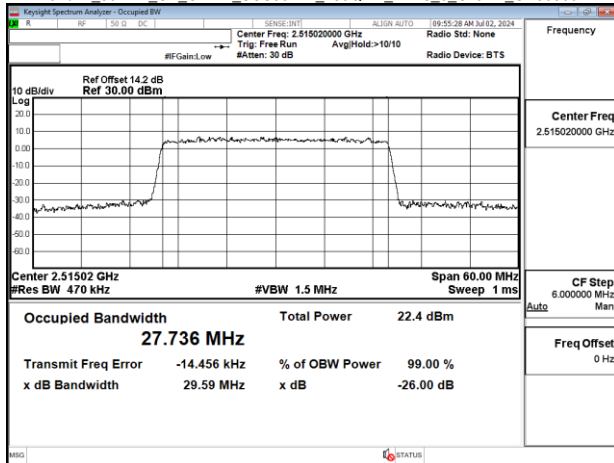
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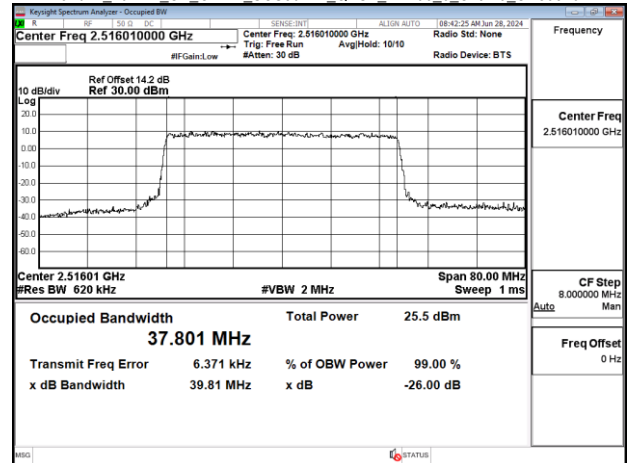
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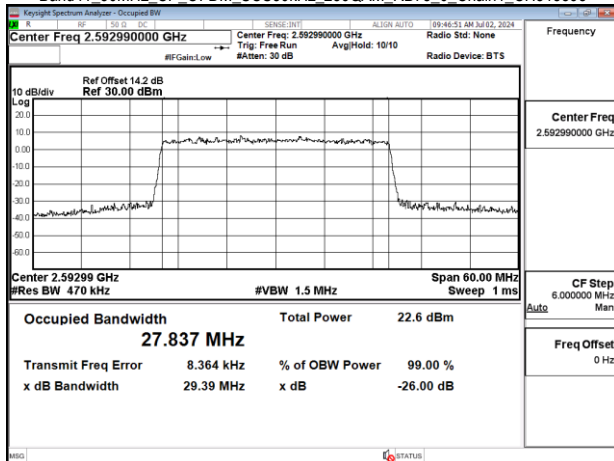
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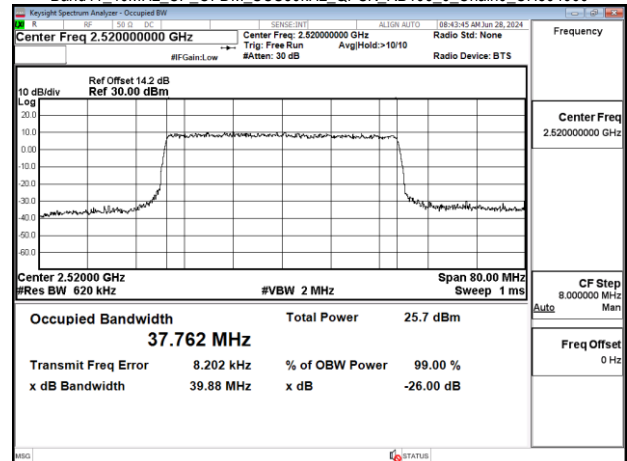
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Band41 30MHz CP OFDM SCS30kHz 256QAM RB78\_0 Chain1 CH518598



Band41 40MHz CP OFDM SCS30kHz QPSK RB106\_0 Chain0 CH504000



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