High	24	9 kHz to 150 kHz	-66.02	-66.25	**-65.45**	-65.49	-55.04	-10.41
		150 kHz to 30 MHz	-56.91	-57.15	**-57.68**	-57.27	-45.04	-11.87
		30 MHz to 1 GHz	-49.66	-49.87	**-49.86**	-49.87	-25.04	-24.62
		1 GHz to 1.929GHz	-41.22	-41.18	**-41.31**	-41.16	-35.04	-6.12
		1.991 GHz to 3 GHz	-35.51	-35.62	**-35.42**	-36.16	-35.04	-0.38
		3 GHz to 10 GHz	-41.52	-41.63	**-41.77**	-41.24	-25.04	-16.20
		10 GHz to 18 GHz	-42.12	-41.74	**-42.36**	-42.30	-25.04	-16.70
		18 GHz to 22 GHz	-32.99	-32.91	**-32.85**	-32.72	-25.04	-7.68
	25	9 kHz to 150 kHz	-65.47	-64.95	-63.85	-65.71	-55.04	-8.81
		150 kHz to 30 MHz	-57.02	-57.54	-57.28	-57.46	-45.04	-11.98
		30 MHz to 1 GHz	-50.16	-50.00	-50.11	-49.94	-25.04	-24.90
		1 GHz to 1.929GHz	-41.96	-42.22	-42.10	-42.12	-35.04	-6.92
		1.991 GHz to 3 GHz	-36.39	-37.02	-36.41	-36.27	-35.04	-1.23
		3 GHz to 10 GHz	-42.59	-42.01	-42.92	-42.89	-25.04	-16.97
		10 GHz to 18 GHz	-43.07	-42.71	-42.86	-43.00	-25.04	-17.67
		18 GHz to 22 GHz	-33.06	-32.63	-33.23	-32.45	-25.04	-7.41
	26	9 kHz to 150 kHz	-65.30	-65.12	-65.33	-66.27	-55.04	-10.08
		150 kHz to 30 MHz	-55.83	-57.33	-57.46	-56.67	-45.04	-10.79
		30 MHz to 1 GHz	-49.76	-49.81	-50.08	-49.87	-25.04	-24.72
		1 GHz to 1.929GHz	-42.67	-42.66	-42.44	-42.37	-35.04	-7.33
		1.991 GHz to 3 GHz	-35.96	-37.04	-36.27	-36.48	-35.04	-0.92
		3 GHz to 10 GHz	-42.82	-42.73	-42.84	-42.58	-25.04	-17.54
		10 GHz to 18 GHz	-42.64	-42.90	-43.14	-43.03	-25.04	-17.60
		18 GHz to 22 GHz	-33.35	-32.93	-32.45	-32.61	-25.04	-7.41
	27	9 kHz to 150 kHz	-66.22	-65.82	-65.78	-66.02	-55.04	-10.74
		150 kHz to 30 MHz	-56.71	-57.45	-57.05	-57.37	-45.04	-11.67
		30 MHz to 1 GHz	-49.86	-49.89	-49.65	-49.91	-25.04	-24.61
		1 GHz to 1.929GHz	-42.55	-42.29	-42.48	-42.34	-35.04	-7.25
		1.991 GHz to 3 GHz	-36.44	-37.29	-36.50	-37.21	-35.04	-1.40
		3 GHz to 10 GHz	-42.83	-42.85	-42.80	-42.67	-25.04	-17.63
		10 GHz to 18 GHz	-43.26	-43.79	-43.28	-43.45	-25.04	-18.22
		18 GHz to 22 GHz	-33.24	-33.02	-32.84	-33.07	-25.04	-7.80
	28	9 kHz to 150 kHz	-65.16	-64.74	-64.59	-64.24	-55.04	-9.20
		150 kHz to 30 MHz	-56.97	-57.52	-58.16	-57.29	-45.04	-11.93
		30 MHz to 1 GHz	-49.94	-49.42	-50.15	-49.95	-25.04	-24.38
		1 GHz to 1.929GHz	-42.50	-42.68	-42.72	-42.27	-35.04	-7.23
		1.991 GHz to 3 GHz	-36.23	-36.84	-36.20	-37.07	-35.04	-1.16
		3 GHz to 10 GHz	-42.79	-42.74	-42.64	-42.75	-25.04	-17.60
		10 GHz to 18 GHz	-42.91	-43.47	-43.22	-42.72	-25.04	-17.68
		18 GHz to 22 GHz	-32.72	-32.45	-33.15	-33.21	-25.04	-7.41

High	29	9 kHz to 150 kHz	-65.83	-65.36	-64.30	-65.79	-55.04	-9.26
		150 kHz to 30 MHz	-56.90	-56.94	-56.62	-56.77	-45.04	-11.58
		30 MHz to 1 GHz	-49.95	-50.11	-50.22	-49.82	-25.04	-24.78
		1 GHz to 1.929GHz	-41.62	-41.61	-41.73	-41.71	-35.04	-6.57
		1.991 GHz to 3 GHz	-36.34	-37.06	-36.04	-36.51	-35.04	-1.00
		3 GHz to 10 GHz	-42.31	-42.37	-42.54	-42.38	-25.04	-17.27
		10 GHz to 18 GHz	-42.52	-42.52	-42.80	-42.37	-25.04	-17.33
		18 GHz to 22 GHz	-33.16	-32.89	-33.17	-33.36	-25.04	-7.85
	30	9 kHz to 150 kHz	-64.58	-65.32	-65.10	-66.03	-55.04	-9.54
		150 kHz to 30 MHz	-56.65	-56.10	-57.60	-57.24	-45.04	-11.06
		30 MHz to 1 GHz	-50.20	-50.33	-50.23	-50.00	-25.04	-24.96
		1 GHz to 1.929GHz	-42.53	-42.97	-42.83	-42.73	-35.04	-7.49
		1.991 GHz to 3 GHz	-36.56	-37.65	-36.33	-37.20	-35.04	-1.29
		3 GHz to 10 GHz	-42.99	-43.18	-42.87	-42.60	-25.04	-17.56
		10 GHz to 18 GHz	-43.49	-43.36	-43.47	-42.78	-25.04	-17.74
		18 GHz to 22 GHz	-32.58	-32.95	-33.13	-32.54	-25.04	-7.50
	31	9 kHz to 150 kHz	-65.74	-65.85	-65.45	-65.63	-55.04	-10.41
		150 kHz to 30 MHz	-57.45	-57.74	-58.46	-57.60	-45.04	-12.41
		30 MHz to 1 GHz	-49.68	-49.85	-50.06	-50.16	-25.04	-24.64
		1 GHz to 1.929GHz	-42.83	-42.86	-42.77	-43.02	-35.04	-7.73
		1.991 GHz to 3 GHz	-36.81	-36.56	-36.37	-36.97	-35.04	-1.33
		3 GHz to 10 GHz	-41.21	-41.31	-41.17	-41.57	-25.04	-16.13
		10 GHz to 18 GHz	-43.07	-42.95	-43.10	-42.59	-25.04	-17.55
		18 GHz to 22 GHz	-33.13	-32.75	-32.95	-32.62	-25.04	-7.58

Table 8-85. Conducted Spurious Emission Summary Data (PCS_DSS_1C_Ratio_5:5_20M)

Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
			QPSK	16QAM	64QAM	256QAM		
Low	0	9 kHz to 150 kHz	-68.89	-68.99	-68.92	-68.91	-55.04	-13.85
		150 kHz to 30 MHz	-48.51	-47.07	-48.00	-55.13	-45.04	-2.03
		30 MHz to 1 GHz	-48.35	-48.23	-48.47	-48.46	-25.04	-23.19
		1 GHz to 2.109GHz	-38.68	-38.86	-38.53	-38.78	-35.04	-3.49
		2.181 GHz to 3 GHz	-39.58	-39.62	-39.91	-39.64	-35.04	-4.54
		3 GHz to 10 GHz	-37.80	-38.00	-38.09	-37.82	-25.04	-12.76
		10 GHz to 18 GHz	-28.94	-28.73	-28.63	-29.39	-25.04	-3.59
		18 GHz to 22 GHz	-35.54	-35.62	-35.25	-35.68	-25.04	-10.21
	1	9 kHz to 150 kHz	-69.06	-69.08	-69.50	-68.73	-55.04	-13.69
		150 kHz to 30 MHz	-49.08	-47.02	-47.93	-54.82	-45.04	-1.98
		30 MHz to 1 GHz	-48.73	-48.46	-48.57	-48.73	-25.04	-23.42
		1 GHz to 2.109GHz	-38.71	-39.72	-38.77	-38.71	-35.04	-3.67
		2.181 GHz to 3 GHz	-40.56	-40.37	-40.40	-40.46	-35.04	-5.33
		3 GHz to 10 GHz	-37.61	-37.99	-37.78	-37.96	-25.04	-12.57
		10 GHz to 18 GHz	-28.69	-28.77	-28.91	-28.43	-25.04	-3.39
		18 GHz to 22 GHz	-35.43	-35.64	-35.52	-35.58	-25.04	-10.39
	2	9 kHz to 150 kHz	-69.38	-69.39	-69.26	-69.15	-55.04	-14.11
		150 kHz to 30 MHz	-48.83	-47.89	-47.97	-54.97	-45.04	-2.85
		30 MHz to 1 GHz	-48.63	-48.65	-48.39	-48.57	-25.04	-23.35
		1 GHz to 2.109GHz	-38.52	-38.97	-38.90	-38.98	-35.04	-3.48
		2.181 GHz to 3 GHz	-40.57	-40.65	-40.84	-40.77	-35.04	-5.53
		3 GHz to 10 GHz	-35.94	-36.38	-36.30	-36.77	-25.04	-10.90
		10 GHz to 18 GHz	-28.97	-29.02	-28.67	-28.95	-25.04	-3.63
		18 GHz to 22 GHz	-35.49	-35.62	-35.41	-35.57	-25.04	-10.37
	3	9 kHz to 150 kHz	-69.14	-69.32	-69.38	-69.32	-55.04	-14.10
		150 kHz to 30 MHz	-49.13	-49.53	-48.63	-55.15	-45.04	-3.59
		30 MHz to 1 GHz	-48.46	-48.38	-48.44	-48.62	-25.04	-23.34
		1 GHz to 2.109GHz	-38.87	-39.67	-38.43	-39.60	-35.04	-3.39
		2.181 GHz to 3 GHz	-40.47	-40.42	-40.63	-40.52	-35.04	-5.38
		3 GHz to 10 GHz	-36.48	-36.64	-36.47	-36.77	-25.04	-11.43
		10 GHz to 18 GHz	-28.92	-28.89	-28.71	-29.00	-25.04	-3.67
		18 GHz to 22 GHz	-35.76	-35.51	-35.57	-35.30	-25.04	-10.26
	4	9 kHz to 150 kHz	-68.83	-69.41	-68.75	-69.55	-55.04	-13.71
		150 kHz to 30 MHz	-47.67	-46.26	-48.06	-53.39	-45.04	-1.22
		30 MHz to 1 GHz	-48.30	-48.60	-48.47	-48.74	-25.04	-23.26
		1 GHz to 2.109GHz	-39.81	-39.11	-39.34	-38.09	-35.04	-3.05
		2.181 GHz to 3 GHz	-40.01	-40.50	-40.32	-40.43	-35.04	-4.97
		3 GHz to 10 GHz	-36.82	-37.03	-37.00	-36.93	-25.04	-11.78
		10 GHz to 18 GHz	-28.80	-28.83	-28.70	-29.10	-25.04	-3.66
		18 GHz to 22 GHz	-35.37	-35.49	-35.56	-35.71	-25.04	-10.33

Low	5	9 kHz to 150 kHz	-69.47	-69.53	-69.42	-69.41	-55.04	-14.37
		150 kHz to 30 MHz	-47.25	-47.80	-47.79	-53.82	-45.04	-2.21
		30 MHz to 1 GHz	-48.11	-48.09	-47.89	-48.29	-25.04	-22.85
		1 GHz to 2.109GHz	-39.57	-39.47	-38.97	-38.88	-35.04	-3.84
		2.181 GHz to 3 GHz	-40.29	-40.21	-40.24	-40.21	-35.04	-5.17
		3 GHz to 10 GHz	-36.02	-36.09	-35.76	-35.98	-25.04	-10.72
		10 GHz to 18 GHz	-28.89	-28.91	-28.57	-28.98	-25.04	-3.53
		18 GHz to 22 GHz	-34.85	-35.68	-35.60	-35.05	-25.04	-9.81
	6	9 kHz to 150 kHz	-69.47	**-69.12**	-69.49	-68.68	-55.04	-13.64
		150 kHz to 30 MHz	-47.53	**-46.03**	-48.77	-52.96	-45.04	-0.99
		30 MHz to 1 GHz	-48.36	**-48.47**	-48.78	-48.44	-25.04	-23.32
		1 GHz to 2.109GHz	-38.93	**-38.68**	-38.66	-38.38	-35.04	-3.34
		2.181 GHz to 3 GHz	-39.99	**-40.05**	-39.80	-39.79	-35.04	-4.75
		3 GHz to 10 GHz	-38.42	**-38.41**	-38.23	-38.60	-25.04	-13.19
		10 GHz to 18 GHz	-28.52	**-28.33**	-28.76	-29.21	-25.04	-3.29
		18 GHz to 22 GHz	-35.14	**-35.31**	-35.47	-35.53	-25.04	-10.10
	7	9 kHz to 150 kHz	-69.08	-69.15	-68.89	-69.08	-55.04	-13.85
		150 kHz to 30 MHz	-46.64	-47.66	-48.69	-54.51	-45.04	-1.60
		30 MHz to 1 GHz	-48.57	-48.75	-48.80	-48.74	-25.04	-23.53
		1 GHz to 2.109GHz	-38.72	-38.89	-38.45	-38.29	-35.04	-3.25
		2.181 GHz to 3 GHz	-40.90	-40.99	-40.64	-40.55	-35.04	-5.51
		3 GHz to 10 GHz	-37.88	-38.24	-37.49	-38.21	-25.04	-12.45
		10 GHz to 18 GHz	-29.03	-28.70	-28.41	-28.83	-25.04	-3.37
		18 GHz to 22 GHz	-35.26	-35.69	-35.29	-35.67	-25.04	-10.22
	8	9 kHz to 150 kHz	-68.77	-68.97	-68.96	-69.47	-55.04	-13.73
		150 kHz to 30 MHz	-48.97	-48.07	-49.22	-54.73	-45.04	-3.03
		30 MHz to 1 GHz	-48.36	-48.72	-48.14	-48.70	-25.04	-23.10
		1 GHz to 2.109GHz	-38.93	-39.20	-38.56	-38.15	-35.04	-3.11
		2.181 GHz to 3 GHz	-39.40	-39.77	-39.77	-39.46	-35.04	-4.36
		3 GHz to 10 GHz	-37.99	-37.89	-37.54	-37.68	-25.04	-12.50
		10 GHz to 18 GHz	-28.52	-28.92	-28.55	-28.61	-25.04	-3.48
		18 GHz to 22 GHz	-35.36	-35.48	-35.62	-35.64	-25.04	-10.32
	9	9 kHz to 150 kHz	-68.93	-69.39	-68.57	-69.67	-55.04	-13.53
		150 kHz to 30 MHz	-47.91	-47.09	-47.84	-54.28	-45.04	-2.05
		30 MHz to 1 GHz	-48.08	-48.89	-48.40	-48.64	-25.04	-23.04
		1 GHz to 2.109GHz	-39.18	-38.59	-38.12	-38.48	-35.04	-3.08
		2.181 GHz to 3 GHz	-39.92	-39.43	-40.05	-39.78	-35.04	-4.39
		3 GHz to 10 GHz	-37.57	-37.28	-37.10	-37.81	-25.04	-12.06
		10 GHz to 18 GHz	-28.77	-28.61	-28.63	-28.94	-25.04	-3.57
		18 GHz to 22 GHz	-35.25	-35.57	-35.40	-35.72	-25.04	-10.21

Low	10	9 kHz to 150 kHz	-69.32	-69.15	-69.20	-69.82	-55.04	-14.11
		150 kHz to 30 MHz	-48.41	-46.07	-46.82	-54.63	-45.04	-1.03
		30 MHz to 1 GHz	-48.74	-48.77	-48.75	-48.68	-25.04	-23.64
		1 GHz to 2.109GHz	-38.40	-39.62	-39.21	-38.80	-35.04	-3.36
		2.181 GHz to 3 GHz	-40.73	-40.87	-40.97	-40.55	-35.04	-5.51
		3 GHz to 10 GHz	-37.43	-37.94	-37.89	-37.41	-25.04	-12.37
		10 GHz to 18 GHz	-28.71	-28.68	-28.87	-28.76	-25.04	-3.64
		18 GHz to 22 GHz	-35.59	-35.28	-35.52	-35.32	-25.04	-10.24
	11	9 kHz to 150 kHz	-68.87	-69.11	-69.28	-69.39	-55.04	-13.83
		150 kHz to 30 MHz	-48.32	-48.81	-47.74	-55.57	-45.04	-2.70
		30 MHz to 1 GHz	-48.56	-48.44	-48.56	-48.48	-25.04	-23.40
		1 GHz to 2.109GHz	-38.13	-39.42	-38.07	-38.82	-35.04	-3.03
		2.181 GHz to 3 GHz	-40.92	-40.91	-40.97	-40.61	-35.04	-5.57
		3 GHz to 10 GHz	-37.44	-37.40	-37.72	-38.03	-25.04	-12.36
		10 GHz to 18 GHz	-28.78	-28.65	-28.43	-29.14	-25.04	-3.39
		18 GHz to 22 GHz	-35.59	-35.28	-35.61	-35.08	-25.04	-10.04
	12	9 kHz to 150 kHz	-69.55	-69.36	-69.03	-69.47	-55.04	-13.99
		150 kHz to 30 MHz	-48.44	-47.46	-48.24	-55.16	-45.04	-2.42
		30 MHz to 1 GHz	-48.75	-48.82	-48.90	-48.56	-25.04	-23.52
		1 GHz to 2.109GHz	-39.29	-38.79	-38.15	-38.71	-35.04	-3.11
		2.181 GHz to 3 GHz	-40.25	-40.21	-40.00	-40.09	-35.04	-4.96
		3 GHz to 10 GHz	-37.76	-38.10	-38.09	-38.27	-25.04	-12.72
		10 GHz to 18 GHz	-28.79	-29.11	-29.22	-29.08	-25.04	-3.75
		18 GHz to 22 GHz	-35.23	-35.66	-35.56	-35.67	-25.04	-10.19
	13	9 kHz to 150 kHz	-69.05	-69.18	-69.20	-68.87	-55.04	-13.83
		150 kHz to 30 MHz	-48.50	-47.87	-47.90	-52.00	-45.04	-2.83
		30 MHz to 1 GHz	-48.84	-48.91	-48.67	-48.94	-25.04	-23.63
		1 GHz to 2.109GHz	-39.41	-38.92	-39.07	-38.10	-35.04	-3.06
		2.181 GHz to 3 GHz	-40.58	-40.69	-40.86	-40.91	-35.04	-5.54
		3 GHz to 10 GHz	-38.21	-38.00	-38.39	-38.67	-25.04	-12.96
		10 GHz to 18 GHz	-28.60	-27.99	-28.15	-29.24	-25.04	-2.95
		18 GHz to 22 GHz	-35.55	-35.81	-35.50	-34.80	-25.04	-9.76
	14	9 kHz to 150 kHz	-69.35	-68.84	-69.02	-69.25	-55.04	-13.80
		150 kHz to 30 MHz	-47.08	-47.20	-49.40	-54.62	-45.04	-2.04
		30 MHz to 1 GHz	-48.90	-48.39	-48.63	-48.42	-25.04	-23.35
		1 GHz to 2.109GHz	-38.92	-39.25	-38.96	-39.06	-35.04	-3.88
		2.181 GHz to 3 GHz	-41.30	-41.38	-41.35	-41.15	-35.04	-6.11
		3 GHz to 10 GHz	-37.88	-37.93	-38.22	-38.21	-25.04	-12.84
		10 GHz to 18 GHz	-28.64	-28.83	-28.76	-28.99	-25.04	-3.60
		18 GHz to 22 GHz	-35.09	-35.48	-35.14	-35.72	-25.04	-10.05

Low	15	9 kHz to 150 kHz	-69.07	-68.98	-68.77	-69.45	-55.04	-13.73
		150 kHz to 30 MHz	-47.98	-47.08	-47.18	-55.52	-45.04	-2.04
		30 MHz to 1 GHz	-48.94	-48.67	-48.95	-48.96	-25.04	-23.63
		1 GHz to 2.109GHz	-39.21	-38.48	-38.67	-39.16	-35.04	-3.44
		2.181 GHz to 3 GHz	-40.71	-40.62	-40.60	-40.78	-35.04	-5.56
		3 GHz to 10 GHz	-37.36	-37.28	-37.00	-37.19	-25.04	-11.96
		10 GHz to 18 GHz	-28.79	-28.58	-28.22	-29.39	-25.04	-3.18
		18 GHz to 22 GHz	-35.71	-35.57	-35.54	-35.30	-25.04	-10.26
Mid	0	9 kHz to 150 kHz	-69.49	-68.82	-68.49	-69.05	-55.04	-13.45
		150 kHz to 30 MHz	-53.71	-53.45	-53.11	-53.42	-45.04	-8.07
		30 MHz to 1 GHz	-48.40	-48.55	-48.49	-48.52	-25.04	-23.36
		1 GHz to 2.109GHz	-42.02	-42.05	-42.01	-41.94	-35.04	-6.90
		2.181 GHz to 3 GHz	-39.50	-39.90	-39.67	-39.83	-35.04	-4.46
		3 GHz to 10 GHz	-37.95	-37.70	-37.92	-37.93	-25.04	-12.66
		10 GHz to 18 GHz	-28.85	-29.21	-29.29	-28.78	-25.04	-3.74
		18 GHz to 22 GHz	-35.22	-35.56	-35.57	-35.64	-25.04	-10.18
	1	9 kHz to 150 kHz	-69.46	-68.48	-69.30	-69.20	-55.04	-13.44
		150 kHz to 30 MHz	-53.13	-53.65	-52.24	-54.10	-45.04	-7.20
		30 MHz to 1 GHz	-48.91	-48.68	-48.67	-48.43	-25.04	-23.39
		1 GHz to 2.109GHz	-42.69	-42.52	-42.15	-42.52	-35.04	-7.11
		2.181 GHz to 3 GHz	-40.47	-40.66	-40.09	-40.54	-35.04	-5.05
		3 GHz to 10 GHz	-38.37	-38.16	-38.07	-37.69	-25.04	-12.65
		10 GHz to 18 GHz	-28.77	-29.13	-29.08	-29.03	-25.04	-3.73
		18 GHz to 22 GHz	-35.42	-35.56	-35.46	-35.47	-25.04	-10.38
	2	9 kHz to 150 kHz	-69.05	-69.76	-69.43	-69.03	-55.04	-13.99
		150 kHz to 30 MHz	-54.02	-52.86	-52.36	-53.75	-45.04	-7.32
		30 MHz to 1 GHz	-48.76	-48.49	-48.26	-48.52	-25.04	-23.22
		1 GHz to 2.109GHz	-42.99	-43.11	-42.96	-43.11	-35.04	-7.92
		2.181 GHz to 3 GHz	-40.73	-40.72	-40.87	-40.79	-35.04	-5.68
		3 GHz to 10 GHz	-36.68	-36.49	-36.28	-36.56	-25.04	-11.24
		10 GHz to 18 GHz	-28.84	-28.77	-28.66	-29.22	-25.04	-3.62
		18 GHz to 22 GHz	-35.32	-35.61	-35.16	-35.33	-25.04	-10.12
	3	9 kHz to 150 kHz	-68.77	-69.58	-69.67	-68.68	-55.04	-13.64
		150 kHz to 30 MHz	-55.01	-54.69	-53.99	-52.49	-45.04	-7.45
		30 MHz to 1 GHz	-48.48	-48.19	-48.52	-48.64	-25.04	-23.15
		1 GHz to 2.109GHz	-43.09	-43.73	-43.16	-43.49	-35.04	-8.05
		2.181 GHz to 3 GHz	-40.55	-40.74	-40.80	-40.68	-35.04	-5.51
		3 GHz to 10 GHz	-36.64	-36.69	-36.34	-36.26	-25.04	-11.22
		10 GHz to 18 GHz	-29.18	-29.09	-28.80	-28.98	-25.04	-3.76
		18 GHz to 22 GHz	-35.47	-35.42	-35.41	-35.69	-25.04	-10.37

Mid	4	9 kHz to 150 kHz	-69.22	-69.03	-69.65	-69.14	-55.04	-13.99
		150 kHz to 30 MHz	-53.36	-54.17	-52.11	-53.55	-45.04	-7.07
		30 MHz to 1 GHz	-48.84	-48.35	-48.75	-48.34	-25.04	-23.30
		1 GHz to 2.109GHz	-42.99	-42.78	-43.25	-42.93	-35.04	-7.74
		2.181 GHz to 3 GHz	-40.51	-40.52	-40.40	-40.34	-35.04	-5.30
		3 GHz to 10 GHz	-36.82	-36.91	-36.69	-37.23	-25.04	-11.65
		10 GHz to 18 GHz	-28.84	-29.18	-28.89	-29.06	-25.04	-3.80
		18 GHz to 22 GHz	-35.44	-35.42	-35.47	-35.65	-25.04	-10.38
	5	9 kHz to 150 kHz	-69.55	-69.50	-69.61	-68.83	-55.04	-13.79
		150 kHz to 30 MHz	-53.00	-54.06	-51.82	-53.98	-45.04	-6.78
		30 MHz to 1 GHz	-48.28	-48.57	-48.08	-48.03	-25.04	-22.99
		1 GHz to 2.109GHz	-42.38	-42.78	-42.75	-42.56	-35.04	-7.34
		2.181 GHz to 3 GHz	-40.15	-40.30	-40.19	-39.48	-35.04	-4.44
		3 GHz to 10 GHz	-36.19	-35.87	-35.77	-36.13	-25.04	-10.73
		10 GHz to 18 GHz	-29.06	-28.76	-29.16	-28.58	-25.04	-3.54
		18 GHz to 22 GHz	-35.74	-35.38	-35.67	-35.67	-25.04	-10.34
	6	9 kHz to 150 kHz	-69.28	-69.22	-69.70	-69.11	-55.04	-14.07
		150 kHz to 30 MHz	-53.48	-53.43	-51.53	-53.76	-45.04	-6.49
		30 MHz to 1 GHz	-48.89	-48.52	-48.58	-48.82	-25.04	-23.48
		1 GHz to 2.109GHz	-42.88	-43.05	-42.48	-42.32	-35.04	-7.28
		2.181 GHz to 3 GHz	-39.77	-40.08	-39.83	-40.10	-35.04	-4.73
		3 GHz to 10 GHz	-38.47	-38.31	-38.29	-38.63	-25.04	-13.25
		10 GHz to 18 GHz	-28.92	-28.66	-28.84	-28.98	-25.04	-3.62
		18 GHz to 22 GHz	-35.53	-35.43	-35.28	-35.77	-25.04	-10.24
	7	9 kHz to 150 kHz	-69.74	-69.27	-68.86	-69.18	-55.04	-13.82
		150 kHz to 30 MHz	-53.85	-53.86	-51.58	-53.37	-45.04	-6.54
		30 MHz to 1 GHz	-49.14	-48.75	-48.57	-48.86	-25.04	-23.53
		1 GHz to 2.109GHz	-42.52	-42.60	-42.82	-42.33	-35.04	-7.29
		2.181 GHz to 3 GHz	-40.85	-40.66	-40.68	-40.17	-35.04	-5.13
		3 GHz to 10 GHz	-38.05	-37.90	-38.27	-37.90	-25.04	-12.86
		10 GHz to 18 GHz	-28.70	-28.32	-28.82	-28.80	-25.04	-3.28
		18 GHz to 22 GHz	-35.53	-35.63	-35.42	-35.56	-25.04	-10.38
	8	9 kHz to 150 kHz	-69.63	-69.42	-69.62	-68.85	-55.04	-13.81
		150 kHz to 30 MHz	-54.24	-54.12	-52.17	-53.35	-45.04	-7.13
		30 MHz to 1 GHz	-48.67	-48.62	-48.57	-48.83	-25.04	-23.53
		1 GHz to 2.109GHz	-41.77	-41.96	-41.83	-41.77	-35.04	-6.73
		2.181 GHz to 3 GHz	-39.66	-39.82	-39.84	-39.34	-35.04	-4.30
		3 GHz to 10 GHz	-37.97	-37.96	-38.09	-37.35	-25.04	-12.31
		10 GHz to 18 GHz	-29.14	-29.10	-28.74	-28.93	-25.04	-3.70
		18 GHz to 22 GHz	-35.73	-35.64	-35.66	-35.47	-25.04	-10.43

Mid	9	9 kHz to 150 kHz	-69.20	-69.06	-69.54	-68.57	-55.04	-13.53
		150 kHz to 30 MHz	-53.06	-53.42	-52.37	-52.48	-45.04	-7.33
		30 MHz to 1 GHz	-48.84	-48.52	-48.69	-48.54	-25.04	-23.48
		1 GHz to 2.109GHz	-41.50	-42.17	-41.74	-41.63	-35.04	-6.46
		2.181 GHz to 3 GHz	-39.64	-39.85	-39.70	-39.43	-35.04	-4.39
		3 GHz to 10 GHz	-37.46	-37.70	-37.59	-37.91	-25.04	-12.42
		10 GHz to 18 GHz	-28.81	-29.12	-29.07	-29.06	-25.04	-3.77
		18 GHz to 22 GHz	-35.80	-35.64	-35.44	-35.43	-25.04	-10.39
	10	9 kHz to 150 kHz	-69.19	-69.21	-69.05	-69.00	-55.04	-13.96
		150 kHz to 30 MHz	-53.05	-53.34	-51.26	-52.92	-45.04	-6.22
		30 MHz to 1 GHz	-48.78	-48.80	-48.80	-49.05	-25.04	-23.74
		1 GHz to 2.109GHz	-42.40	-42.91	-43.06	-42.66	-35.04	-7.36
		2.181 GHz to 3 GHz	-40.82	-40.98	-40.86	-40.83	-35.04	-5.78
		3 GHz to 10 GHz	-37.69	-37.99	-37.73	-37.81	-25.04	-12.65
		10 GHz to 18 GHz	-29.14	-28.97	-28.12	-29.26	-25.04	-3.08
		18 GHz to 22 GHz	-35.04	-35.76	-35.47	-35.85	-25.04	-10.00
	11	9 kHz to 150 kHz	-68.82	-69.53	-69.06	-69.50	-55.04	-13.78
		150 kHz to 30 MHz	-54.18	-53.65	-52.29	-52.45	-45.04	-7.25
		30 MHz to 1 GHz	-48.31	-48.56	-48.46	-48.26	-25.04	-23.22
		1 GHz to 2.109GHz	-43.45	-43.08	-43.05	-43.05	-35.04	-8.01
		2.181 GHz to 3 GHz	-40.89	-40.85	-40.26	-40.82	-35.04	-5.22
		3 GHz to 10 GHz	-37.67	-38.09	-37.13	-38.03	-25.04	-12.09
		10 GHz to 18 GHz	-29.22	-29.05	-29.20	-28.74	-25.04	-3.70
		18 GHz to 22 GHz	-35.91	-35.23	-35.24	-35.55	-25.04	-10.19
	12	9 kHz to 150 kHz	-69.67	-69.06	-69.24	-68.67	-55.04	-13.63
		150 kHz to 30 MHz	-53.72	-53.44	-53.44	-53.19	-45.04	-8.15
		30 MHz to 1 GHz	-49.07	-48.93	-48.58	-48.90	-25.04	-23.54
		1 GHz to 2.109GHz	-42.26	-42.68	-42.43	-42.36	-35.04	-7.22
		2.181 GHz to 3 GHz	-40.24	-40.29	-40.21	-40.24	-35.04	-5.17
		3 GHz to 10 GHz	-37.75	-37.87	-38.22	-38.41	-25.04	-12.71
		10 GHz to 18 GHz	-28.67	-28.89	-28.97	-29.11	-25.04	-3.63
		18 GHz to 22 GHz	-35.68	-35.58	-35.61	-35.11	-25.04	-10.07
	13	9 kHz to 150 kHz	-69.33	-69.26	-68.86	-68.66	-55.04	-13.62
		150 kHz to 30 MHz	-52.66	-54.23	-51.19	-53.04	-45.04	-6.15
		30 MHz to 1 GHz	-49.19	-48.79	-49.10	-48.88	-25.04	-23.75
		1 GHz to 2.109GHz	-42.55	-42.81	-43.18	-43.13	-35.04	-7.51
		2.181 GHz to 3 GHz	-40.93	-41.18	-41.00	-40.82	-35.04	-5.78
		3 GHz to 10 GHz	-38.45	-38.58	-38.60	-38.40	-25.04	-13.36
		10 GHz to 18 GHz	-29.20	-29.18	-29.14	-29.37	-25.04	-4.10
		18 GHz to 22 GHz	-35.90	-35.13	-35.66	-35.64	-25.04	-10.09

Mid	14	9 kHz to 150 kHz	-68.81	-69.43	-69.37	-69.63	-55.04	-13.77
		150 kHz to 30 MHz	-52.54	-53.71	-52.62	-52.84	-45.04	-7.50
		30 MHz to 1 GHz	-48.84	-48.96	-48.78	-48.55	-25.04	-23.51
		1 GHz to 2.109GHz	-43.47	-43.67	-43.47	-43.09	-35.04	-8.05
		2.181 GHz to 3 GHz	-41.05	-41.28	-41.30	-41.31	-35.04	-6.01
		3 GHz to 10 GHz	-37.88	-38.21	-38.04	-38.00	-25.04	-12.84
		10 GHz to 18 GHz	-28.77	-28.72	-28.80	-28.51	-25.04	-3.47
		18 GHz to 22 GHz	-35.72	-35.34	-35.48	-35.81	-25.04	-10.30
	15	9 kHz to 150 kHz	-69.41	-69.48	-69.50	-68.95	-55.04	-13.91
		150 kHz to 30 MHz	-53.91	-54.64	-52.20	-53.74	-45.04	-7.16
		30 MHz to 1 GHz	-48.99	-49.13	-48.88	-48.65	-25.04	-23.61
		1 GHz to 2.109GHz	-42.23	-42.84	-42.75	-42.80	-35.04	-7.19
		2.181 GHz to 3 GHz	-40.67	-40.85	-40.69	-40.46	-35.04	-5.42
		3 GHz to 10 GHz	-37.31	-37.02	-36.98	-37.15	-25.04	-11.94
		10 GHz to 18 GHz	-29.07	-29.08	-28.59	-29.05	-25.04	-3.55
		18 GHz to 22 GHz	-35.81	-35.31	-35.74	-35.74	-25.04	-10.27
High	0	9 kHz to 150 kHz	-68.92	-69.73	-69.32	-68.97	-55.04	-13.88
		150 kHz to 30 MHz	-50.16	-48.11	-47.14	-52.60	-45.04	-2.10
		30 MHz to 1 GHz	-48.23	-48.28	-48.25	-48.54	-25.04	-23.19
		1 GHz to 2.109GHz	-42.50	-42.60	-42.57	-42.50	-35.04	-7.46
		2.181 GHz to 3 GHz	-37.77	-37.12	-37.80	-36.78	-35.04	-1.74
		3 GHz to 10 GHz	-37.44	-38.04	-37.79	-38.04	-25.04	-12.40
		10 GHz to 18 GHz	-29.23	-28.90	-28.92	-28.76	-25.04	-3.72
		18 GHz to 22 GHz	-35.72	-35.48	-35.57	-35.66	-25.04	-10.44
	1	9 kHz to 150 kHz	-68.98	-68.95	-69.11	-68.47	-55.04	-13.43
		150 kHz to 30 MHz	-51.48	-48.51	-48.42	-54.26	-45.04	-3.38
		30 MHz to 1 GHz	-48.45	-48.71	-48.69	-48.74	-25.04	-23.41
		1 GHz to 2.109GHz	-43.10	-43.13	-43.16	-43.02	-35.04	-7.98
		2.181 GHz to 3 GHz	-38.42	-37.93	-38.40	-36.98	-35.04	-1.94
		3 GHz to 10 GHz	-38.06	-38.13	-38.02	-38.12	-25.04	-12.98
		10 GHz to 18 GHz	-28.77	-28.81	-28.78	-29.07	-25.04	-3.73
		18 GHz to 22 GHz	-35.80	-35.31	-35.41	-35.37	-25.04	-10.27
	2	9 kHz to 150 kHz	-69.15	-69.14	-69.24	-69.28	-55.04	-14.10
		150 kHz to 30 MHz	-48.79	-48.95	-47.15	-53.80	-45.04	-2.11
		30 MHz to 1 GHz	-48.69	-48.50	-48.65	-48.74	-25.04	-23.46
		1 GHz to 2.109GHz	-43.69	-43.64	-43.76	-43.53	-35.04	-8.49
		2.181 GHz to 3 GHz	-38.16	-38.14	-38.17	-37.47	-35.04	-2.43
		3 GHz to 10 GHz	-36.43	-35.91	-36.64	-36.63	-25.04	-10.87
		10 GHz to 18 GHz	-28.90	-28.71	-29.16	-28.89	-25.04	-3.67
		18 GHz to 22 GHz	-35.59	-35.65	-35.09	-35.60	-25.04	-10.05

High	3	9 kHz to 150 kHz	-69.09	-69.05	-69.48	-69.53	-55.04	-14.01
		150 kHz to 30 MHz	-51.17	-51.00	-50.36	-55.47	-45.04	-5.32
		30 MHz to 1 GHz	-48.54	-48.42	-48.53	-48.64	-25.04	-23.38
		1 GHz to 2.109GHz	-44.38	-44.05	-43.85	-44.04	-35.04	-8.81
		2.181 GHz to 3 GHz	-38.35	-37.65	-37.86	-37.08	-35.04	-2.04
		3 GHz to 10 GHz	-36.36	-36.55	-36.36	-36.60	-25.04	-11.32
		10 GHz to 18 GHz	-28.89	-28.92	-28.69	-28.99	-25.04	-3.65
		18 GHz to 22 GHz	-35.78	-35.59	-35.37	-35.45	-25.04	-10.33
	4	9 kHz to 150 kHz	-69.70	-69.51	-69.03	-69.26	-55.04	-13.99
		150 kHz to 30 MHz	-49.57	-50.05	-49.01	-51.71	-45.04	-3.97
		30 MHz to 1 GHz	-48.70	-48.74	-48.62	-48.65	-25.04	-23.58
		1 GHz to 2.109GHz	-43.54	-43.19	-43.37	-43.14	-35.04	-8.10
		2.181 GHz to 3 GHz	-38.52	-37.21	-37.80	-37.03	-35.04	-1.99
		3 GHz to 10 GHz	-36.72	-36.76	-37.20	-36.43	-25.04	-11.39
		10 GHz to 18 GHz	-28.89	-28.36	-28.74	-28.79	-25.04	-3.32
		18 GHz to 22 GHz	-35.55	-35.40	-35.30	-35.76	-25.04	-10.26
	5	9 kHz to 150 kHz	-69.43	-69.67	-69.25	-69.20	-55.04	-14.16
		150 kHz to 30 MHz	-49.32	-49.43	-49.67	-54.05	-45.04	-4.28
		30 MHz to 1 GHz	-48.28	-48.38	-48.56	-48.53	-25.04	-23.24
		1 GHz to 2.109GHz	-42.97	-43.29	-43.43	-43.39	-35.04	-7.93
		2.181 GHz to 3 GHz	-37.82	-37.29	-38.02	-37.12	-35.04	-2.08
		3 GHz to 10 GHz	-35.79	-36.08	-35.81	-35.77	-25.04	-10.73
		10 GHz to 18 GHz	-28.41	-28.69	-28.96	-28.86	-25.04	-3.37
		18 GHz to 22 GHz	-35.10	-35.81	-35.36	-35.67	-25.04	-10.06
	6	9 kHz to 150 kHz	-69.19	-69.60	-69.28	-69.27	-55.04	-14.15
		150 kHz to 30 MHz	-51.23	-49.70	-49.49	-52.20	-45.04	-4.45
		30 MHz to 1 GHz	-48.46	-48.91	-48.52	-48.76	-25.04	-23.42
		1 GHz to 2.109GHz	-43.30	-43.20	-43.47	-43.32	-35.04	-8.16
		2.181 GHz to 3 GHz	-37.61	-37.13	-37.68	-36.76	-35.04	-1.72
		3 GHz to 10 GHz	-38.58	-38.37	-38.43	-38.48	-25.04	-13.33
		10 GHz to 18 GHz	-28.87	-28.25	-28.78	-28.77	-25.04	-3.21
		18 GHz to 22 GHz	-35.42	-35.40	-35.86	-35.76	-25.04	-10.36
	7	9 kHz to 150 kHz	-69.09	-69.34	-68.52	-69.14	-55.04	-13.48
		150 kHz to 30 MHz	-50.23	-49.36	-47.80	-53.59	-45.04	-2.76
		30 MHz to 1 GHz	-48.53	-48.66	-48.38	-48.88	-25.04	-23.34
		1 GHz to 2.109GHz	-43.24	-43.20	-42.90	-43.15	-35.04	-7.86
		2.181 GHz to 3 GHz	-37.79	-37.37	-38.85	-36.63	-35.04	-1.59
		3 GHz to 10 GHz	-37.99	-38.58	-38.33	-38.13	-25.04	-12.95
		10 GHz to 18 GHz	-28.73	-29.03	-28.52	-28.62	-25.04	-3.48
		18 GHz to 22 GHz	-35.21	-35.73	-35.51	-35.55	-25.04	-10.17

High	8	9 kHz to 150 kHz	-69.39	-69.46	-68.57	-69.51	-55.04	-13.53
		150 kHz to 30 MHz	-49.71	-48.51	-49.35	-52.39	-45.04	-3.47
		30 MHz to 1 GHz	-48.78	-48.53	-48.57	-48.46	-25.04	-23.42
		1 GHz to 2.109GHz	-42.17	-42.03	-42.22	-41.87	-35.04	-6.83
		2.181 GHz to 3 GHz	-37.84	-37.70	-37.36	-36.82	-35.04	-1.78
		3 GHz to 10 GHz	-37.93	-38.18	-37.62	-38.00	-25.04	-12.58
		10 GHz to 18 GHz	-28.96	-29.14	-28.90	-28.47	-25.04	-3.43
		18 GHz to 22 GHz	-35.62	-35.63	-35.59	-35.36	-25.04	-10.32
	9	9 kHz to 150 kHz	-69.69	-69.32	-69.09	-69.34	-55.04	-14.05
		150 kHz to 30 MHz	-49.10	-49.78	-48.10	-52.20	-45.04	-3.06
		30 MHz to 1 GHz	-48.61	-48.31	-48.58	-48.83	-25.04	-23.27
		1 GHz to 2.109GHz	-42.75	-42.66	-42.23	-42.11	-35.04	-7.07
		2.181 GHz to 3 GHz	-37.60	-37.53	-37.80	-36.86	-35.04	-1.82
		3 GHz to 10 GHz	-37.54	-37.49	-37.33	-37.63	-25.04	-12.29
		10 GHz to 18 GHz	-28.71	-28.64	-29.05	-28.54	-25.04	-3.50
		18 GHz to 22 GHz	-35.74	-35.83	-35.45	-35.73	-25.04	-10.41
	10	9 kHz to 150 kHz	-69.17	-69.21	-69.42	-69.21	-55.04	-14.13
		150 kHz to 30 MHz	-48.54	-50.12	-48.15	-53.78	-45.04	-3.11
		30 MHz to 1 GHz	-48.76	-48.90	-48.62	-48.75	-25.04	-23.58
		1 GHz to 2.109GHz	-43.06	-43.17	-42.93	-42.59	-35.04	-7.55
		2.181 GHz to 3 GHz	-38.77	-37.36	-38.38	-36.57	-35.04	-1.53
		3 GHz to 10 GHz	-37.92	-37.48	-38.10	-37.95	-25.04	-12.44
		10 GHz to 18 GHz	-28.62	-28.45	-28.91	-28.93	-25.04	-3.41
		18 GHz to 22 GHz	-35.45	-35.57	-35.16	-35.42	-25.04	-10.12
	11	9 kHz to 150 kHz	-69.89	-69.41	-69.47	-69.21	-55.04	-14.17
		150 kHz to 30 MHz	-51.05	-48.42	-48.88	-53.45	-45.04	-3.38
		30 MHz to 1 GHz	-48.37	-48.24	-48.33	-48.42	-25.04	-23.20
		1 GHz to 2.109GHz	-43.81	-43.57	-43.92	-43.15	-35.04	-8.11
		2.181 GHz to 3 GHz	-38.66	-37.45	-37.68	-37.29	-35.04	-2.25
		3 GHz to 10 GHz	-37.81	-37.80	-37.94	-37.45	-25.04	-12.41
		10 GHz to 18 GHz	-28.71	-29.10	-28.93	-28.64	-25.04	-3.60
		18 GHz to 22 GHz	-35.30	-35.73	-35.63	-35.58	-25.04	-10.26
	12	9 kHz to 150 kHz	-69.22	-69.19	-69.26	-69.23	-55.04	-14.15
		150 kHz to 30 MHz	-49.79	-47.72	-48.89	-53.41	-45.04	-2.68
		30 MHz to 1 GHz	-48.92	-48.81	-48.76	-48.99	-25.04	-23.72
		1 GHz to 2.109GHz	-42.42	-42.23	-42.68	-42.51	-35.04	-7.19
		2.181 GHz to 3 GHz	-37.63	-37.61	-37.97	-37.87	-35.04	-2.57
		3 GHz to 10 GHz	-37.98	-38.23	-38.26	-38.30	-25.04	-12.94
		10 GHz to 18 GHz	-28.70	-28.89	-29.18	-28.62	-25.04	-3.58
		18 GHz to 22 GHz	-35.65	-35.76	-35.44	-35.38	-25.04	-10.34

High	13	9 kHz to 150 kHz	-68.80	-69.07	-68.88	-69.81	-55.04	-13.76
		150 kHz to 30 MHz	-49.85	-49.67	-49.35	-53.50	-45.04	-4.31
		30 MHz to 1 GHz	-48.97	-49.09	-48.83	-48.64	-25.04	-23.60
		1 GHz to 2.109GHz	-43.05	-43.02	-43.39	-43.31	-35.04	-7.98
		2.181 GHz to 3 GHz	-38.90	-38.15	-38.28	-38.04	-35.04	-3.00
		3 GHz to 10 GHz	-38.57	-38.37	-38.20	-38.53	-25.04	-13.16
		10 GHz to 18 GHz	-28.83	-29.04	-29.06	-29.12	-25.04	-3.79
		18 GHz to 22 GHz	-35.03	-35.52	-35.51	-35.56	-25.04	-9.99
	14	9 kHz to 150 kHz	-69.22	-68.93	-68.98	-68.84	-55.04	-13.80
		150 kHz to 30 MHz	-50.54	-49.84	-47.87	-54.21	-45.04	-2.83
		30 MHz to 1 GHz	-48.85	-48.90	-48.90	-48.47	-25.04	-23.43
		1 GHz to 2.109GHz	-43.87	-43.95	-43.83	-43.82	-35.04	-8.78
		2.181 GHz to 3 GHz	-37.32	-38.37	-38.13	-36.91	-35.04	-1.87
		3 GHz to 10 GHz	-38.19	-38.08	-38.18	-37.75	-25.04	-12.71
		10 GHz to 18 GHz	-28.70	-28.81	-29.13	-29.32	-25.04	-3.66
		18 GHz to 22 GHz	-35.82	-35.28	-35.73	-35.63	-25.04	-10.24
	15	9 kHz to 150 kHz	-68.75	-69.71	-68.85	-69.03	-55.04	-13.71
		150 kHz to 30 MHz	-50.02	-50.25	-48.74	-53.74	-45.04	-3.70
		30 MHz to 1 GHz	-48.99	-49.06	-49.00	-48.81	-25.04	-23.77
		1 GHz to 2.109GHz	-43.43	-42.84	-43.28	-43.51	-35.04	-7.80
		2.181 GHz to 3 GHz	-37.86	-37.79	-37.99	-36.88	-35.04	-1.84
		3 GHz to 10 GHz	-36.54	-37.03	-36.79	-37.34	-25.04	-11.50
		10 GHz to 18 GHz	-29.04	-28.46	-28.73	-29.21	-25.04	-3.42
		18 GHz to 22 GHz	-35.25	-35.58	-35.71	-35.45	-25.04	-10.21

Table 8-86. Conducted Spurious Emission Summary Data (AWS_NR_1C_20M)

Mode	Channel	Port	Measurement Range	Level (dBm)				Limit (dBm)	Worst Margin (dB)
				QPSK	16QAM	64QAM	256QAM		
PCS DSS_1C 15M + LTE_1C 5M	Low	16	9 kHz to 150 kHz	-64.50	-64.05	-63.90	-65.10	-55.04	-8.86
			150 kHz to 30 MHz	-56.88	-56.57	-57.38	-57.20	-45.04	-11.53
			30 MHz to 1 GHz	-49.90	-49.91	-49.74	-50.04	-25.04	-24.70
			1 GHz to 1.929GHz	-37.25	-36.99	-38.12	-37.44	-35.04	-1.95
			1.991 GHz to 3 GHz	-39.51	-39.36	-39.53	-38.86	-35.04	-3.82
			3 GHz to 10 GHz	-42.73	-42.59	-42.73	-41.83	-25.04	-16.79
			10 GHz to 18 GHz	-41.30	-41.39	-41.66	-41.46	-25.04	-16.26
			18 GHz to 22 GHz	-33.20	-33.11	-33.59	-32.30	-25.04	-7.26
		17	9 kHz to 150 kHz	-63.27	-63.33	-63.50	-64.79	-55.04	-8.23
			150 kHz to 30 MHz	-56.75	-56.40	-56.94	-57.19	-45.04	-11.36
			30 MHz to 1 GHz	-49.63	-50.07	-49.76	-49.49	-25.04	-24.45
			1 GHz to 1.929GHz	-36.89	-36.74	-37.17	-36.94	-35.04	-1.70
			1.991 GHz to 3 GHz	-39.16	-39.29	-38.82	-38.94	-35.04	-3.78
			3 GHz to 10 GHz	-42.83	-43.20	-43.25	-43.01	-25.04	-17.79
			10 GHz to 18 GHz	-43.94	-43.89	-44.04	-44.07	-25.04	-18.85
			18 GHz to 22 GHz	-32.70	-33.20	-33.08	-32.81	-25.04	-7.66
		30	9 kHz to 150 kHz	-63.23	-63.64	-63.59	-64.42	-55.04	-8.19
			150 kHz to 30 MHz	-56.83	-56.38	-56.49	-56.89	-45.04	-11.34
			30 MHz to 1 GHz	-50.13	-50.14	-49.72	-50.18	-25.04	-24.68
			1 GHz to 1.929GHz	-37.42	-36.24	-37.86	-37.00	-35.04	-1.20
			1.991 GHz to 3 GHz	-39.95	-39.47	-39.58	-39.31	-35.04	-4.27
			3 GHz to 10 GHz	-42.69	-42.70	-42.66	-42.80	-25.04	-17.62
			10 GHz to 18 GHz	-43.04	-43.16	-42.92	-43.28	-25.04	-17.88
			18 GHz to 22 GHz	-32.97	-33.19	-33.20	-33.06	-25.04	-7.93
		31	9 kHz to 150 kHz	-65.38	-64.46	-65.61	-65.84	-55.04	-9.42
			150 kHz to 30 MHz	-57.51	-57.55	-57.24	-57.41	-45.04	-12.20
			30 MHz to 1 GHz	-49.72	-49.61	-49.93	-49.75	-25.04	-24.57
			1 GHz to 1.929GHz	-37.69	-36.68	-38.13	-37.25	-35.04	-1.64
			1.991 GHz to 3 GHz	-39.28	-38.75	-38.86	-38.85	-35.04	-3.71
			3 GHz to 10 GHz	-41.64	-41.29	-41.53	-41.32	-25.04	-16.25
			10 GHz to 18 GHz	-43.19	-42.85	-43.06	-42.59	-25.04	-17.55
			18 GHz to 22 GHz	-33.36	-32.82	-33.43	-33.23	-25.04	-7.78
	Mid	16	9 kHz to 150 kHz	-65.35	-64.85	-65.93	-66.08	-55.04	-9.81
			150 kHz to 30 MHz	-57.53	-57.13	-57.31	-56.84	-45.04	-11.80
			30 MHz to 1 GHz	-49.80	-49.92	-49.62	-50.02	-25.04	-24.58
			1 GHz to 1.929GHz	-41.40	-42.54	-42.23	-41.75	-35.04	-6.36
			1.991 GHz to 3 GHz	-39.30	-39.91	-39.37	-38.97	-35.04	-3.93
			3 GHz to 10 GHz	-42.12	-42.40	-42.45	-41.80	-25.04	-16.76
			10 GHz to 18 GHz	-41.67	-41.29	-41.40	-41.42	-25.04	-16.25
			18 GHz to 22 GHz	-32.65	-33.27	-33.48	-33.33	-25.04	-7.61

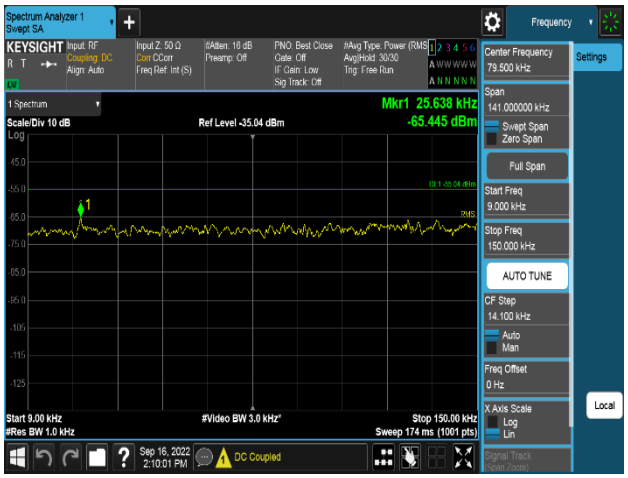
PCS DSS_1C 15M + LTE_1C 5M	Mid	17	9 kHz to 150 kHz	-64.17	-64.25	-65.02	-65.13	-55.04	-9.13
			150 kHz to 30 MHz	-56.73	-56.01	-57.18	-57.47	-45.04	-10.97
			30 MHz to 1 GHz	-50.32	-50.04	-50.07	-50.28	-25.04	-25.00
			1 GHz to 1.929GHz	-42.09	-41.77	-41.99	-41.64	-35.04	-6.60
			1.991 GHz to 3 GHz	-39.28	-39.38	-39.15	-39.06	-35.04	-4.02
			3 GHz to 10 GHz	-43.17	-42.85	-43.37	-43.35	-25.04	-17.81
			10 GHz to 18 GHz	-44.11	-43.90	-43.47	-44.06	-25.04	-18.43
			18 GHz to 22 GHz	-32.76	-32.84	-33.42	-33.50	-25.04	-7.72
		30	9 kHz to 150 kHz	-64.14	-64.81	-64.80	-65.02	-55.04	-9.10
			150 kHz to 30 MHz	-57.27	-56.28	-56.66	-56.75	-45.04	-11.24
			30 MHz to 1 GHz	-50.13	-50.28	-50.11	-50.29	-25.04	-25.07
			1 GHz to 1.929GHz	-42.20	-42.09	-42.39	-42.29	-35.04	-7.05
			1.991 GHz to 3 GHz	-39.70	-39.89	-39.87	-39.63	-35.04	-4.59
			3 GHz to 10 GHz	-42.80	-42.55	-42.88	-43.14	-25.04	-17.51
			10 GHz to 18 GHz	-42.77	-42.94	-42.96	-42.93	-25.04	-17.73
			18 GHz to 22 GHz	-33.32	-32.74	-33.61	-33.11	-25.04	-7.70
		31	9 kHz to 150 kHz	-64.65	-65.53	-65.77	-66.54	-55.04	-9.61
			150 kHz to 30 MHz	-58.41	-58.12	-57.47	-57.73	-45.04	-12.43
			30 MHz to 1 GHz	-50.00	-49.86	-49.94	-50.09	-25.04	-24.82
			1 GHz to 1.929GHz	-42.25	-42.14	-41.80	-42.46	-35.04	-6.76
			1.991 GHz to 3 GHz	-39.10	-39.06	-39.15	-39.02	-35.04	-3.98
			3 GHz to 10 GHz	-41.63	-41.27	-41.03	-41.49	-25.04	-15.99
			10 GHz to 18 GHz	-42.67	-42.64	-42.85	-42.74	-25.04	-17.60
			18 GHz to 22 GHz	-33.51	-33.18	-33.53	-33.09	-25.04	-8.05
	High	16	9 kHz to 150 kHz	-66.61	-65.24	-66.21	-66.43	-55.04	-10.20
			150 kHz to 30 MHz	-57.59	-57.80	-56.65	-57.13	-45.04	-11.61
			30 MHz to 1 GHz	-49.87	-49.79	-50.03	-49.69	-25.04	-24.65
			1 GHz to 1.929GHz	-42.77	-42.81	-42.93	-42.66	-35.04	-7.62
			1.991 GHz to 3 GHz	-35.99	-35.69	-35.72	-36.67	-35.04	-0.65
			3 GHz to 10 GHz	-42.51	-42.46	-42.14	-42.71	-25.04	-17.10
			10 GHz to 18 GHz	-41.22	-41.69	-41.35	-41.17	-25.04	-16.13
			18 GHz to 22 GHz	-32.85	-32.91	-32.95	-33.52	-25.04	-7.81
		17	9 kHz to 150 kHz	-65.36	-65.22	-65.23	-65.66	-55.04	-10.18
			150 kHz to 30 MHz	-57.12	-57.14	-57.92	-57.74	-45.04	-12.08
			30 MHz to 1 GHz	-50.15	-50.26	-49.98	-50.28	-25.04	-24.94
			1 GHz to 1.929GHz	-42.39	-42.09	-42.30	-42.03	-35.04	-6.99
			1.991 GHz to 3 GHz	-35.75	-36.79	-35.55	-36.28	-35.04	-0.51
			3 GHz to 10 GHz	-43.39	-42.95	-43.04	-43.30	-25.04	-17.91
			10 GHz to 18 GHz	-43.73	-43.89	-44.00	-44.01	-25.04	-18.69
			18 GHz to 22 GHz	-33.10	-33.05	-32.97	-32.61	-25.04	-7.57
		30	9 kHz to 150 kHz	-64.92	-65.37	-65.66	**-65.94**	-55.04	-9.88
			150 kHz to 30 MHz	-57.62	-56.84	-57.06	**-57.65**	-45.04	-11.80

			30 MHz to 1 GHz	-50.07	-49.74	-50.18	**-50.30**	-25.04	-24.70
			1 GHz to 1.929GHz	-42.86	-42.51	-43.34	**-42.87**	-35.04	-7.47
			1.991 GHz to 3 GHz	-36.23	-35.54	-36.24	**-35.51**	-35.04	-0.47
			3 GHz to 10 GHz	-42.52	-42.21	-42.25	**-42.49**	-25.04	-17.17
			10 GHz to 18 GHz	-43.05	-43.04	-42.60	**-42.62**	-25.04	-17.56
			18 GHz to 22 GHz	-33.13	-33.01	-32.45	**-33.32**	-25.04	-7.41
		31	9 kHz to 150 kHz	-66.39	-66.58	-66.58	-66.71	-55.04	-11.35
			150 kHz to 30 MHz	-57.43	-57.84	-57.47	-58.41	-45.04	-12.39
			30 MHz to 1 GHz	-49.98	-49.70	-49.76	-49.42	-25.04	-24.38
			1 GHz to 1.929GHz	-42.02	-42.78	-42.65	-42.72	-35.04	-6.98
			1.991 GHz to 3 GHz	-35.81	-36.82	-35.52	-35.84	-35.04	-0.48
			3 GHz to 10 GHz	-40.97	-41.41	-41.59	-41.30	-25.04	-15.93
			10 GHz to 18 GHz	-42.97	-43.00	-42.71	-42.81	-25.04	-17.67
			18 GHz to 22 GHz	-32.81	-33.50	-33.04	-32.77	-25.04	-7.73

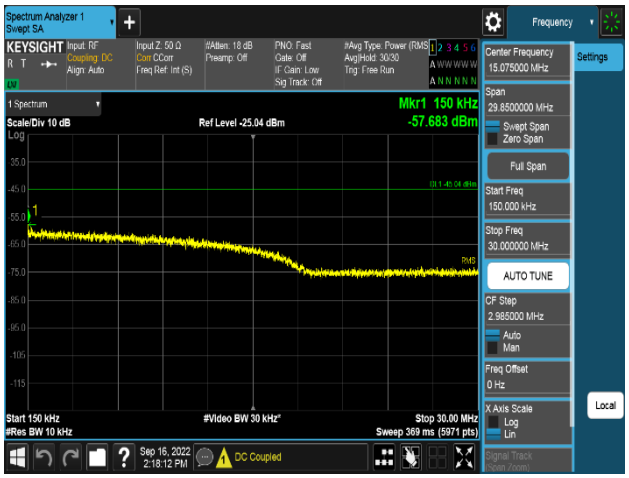
Table 8-87. Conducted Spurious Emission Summary Data (Multi-Carrier)

Mode	Channel	Port	Measurement Range	Level (dBm)	Limit (dBm)	Worst Margin (dB)
				QPSK		
PCS NR_2C 15M+5M	Mid	16	9 kHz to 150 kHz	-62.83	-55.04	-7.79
			150 kHz to 30 MHz	-56.05	-45.04	-11.01
			30 MHz to 1 GHz	-43.14	-25.04	-18.10
			1 GHz to 1.929GHz	-37.19	-35.04	-2.15
			1.991 GHz to 3 GHz	-36.64	-35.04	-1.60
			3 GHz to 10 GHz	-42.38	-25.04	-17.34
			10 GHz to 18 GHz	-40.68	-25.04	-15.64
			18 GHz to 22 GHz	-33.03	-25.04	-7.99
		17	9 kHz to 150 kHz	**-63.19**	-55.04	-8.15
			150 kHz to 30 MHz	**-55.84**	-45.04	-10.80
			30 MHz to 1 GHz	**-42.62**	-25.04	-17.58
			1 GHz to 1.929GHz	**-36.62**	-35.04	-1.58
			1.991 GHz to 3 GHz	**-36.11**	-35.04	-1.07
			3 GHz to 10 GHz	**-43.26**	-25.04	-18.22
			10 GHz to 18 GHz	**-43.66**	-25.04	-18.62
			18 GHz to 22 GHz	**-33.32**	-25.04	-8.28
		30	9 kHz to 150 kHz	-64.46	-55.04	-9.42
			150 kHz to 30 MHz	-57.64	-45.04	-12.60
			30 MHz to 1 GHz	-44.39	-25.04	-19.35
			1 GHz to 1.929GHz	-36.72	-35.04	-1.68
			1.991 GHz to 3 GHz	-37.40	-35.04	-2.36
			3 GHz to 10 GHz	-42.99	-25.04	-17.95
			10 GHz to 18 GHz	-42.83	-25.04	-17.79
			18 GHz to 22 GHz	-32.85	-25.04	-7.81
		31	9 kHz to 150 kHz	-66.31	-55.04	-11.27
			150 kHz to 30 MHz	-57.73	-45.04	-12.69
			30 MHz to 1 GHz	-46.23	-25.04	-21.19
			1 GHz to 1.929GHz	-38.32	-35.04	-3.28
			1.991 GHz to 3 GHz	-37.34	-35.04	-2.30
			3 GHz to 10 GHz	-41.62	-25.04	-16.58
			10 GHz to 18 GHz	-42.75	-25.04	-17.71
			18 GHz to 22 GHz	-32.62	-25.04	-7.58

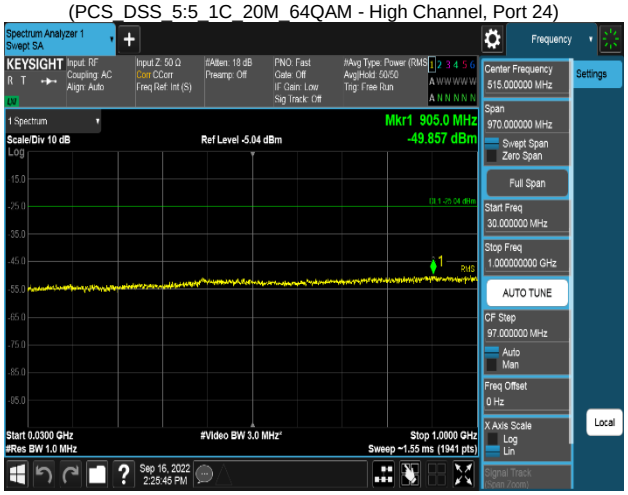
Table 8-88. Conducted Spurious Emission Summary Data (Multi-Carrier_Non-contiguous)



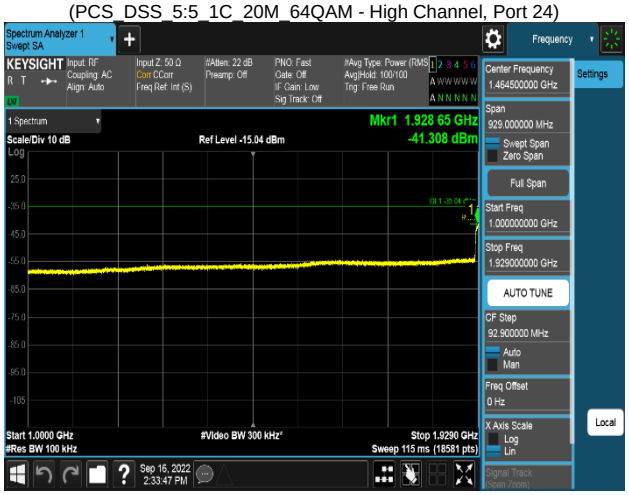
Plot 8-171. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



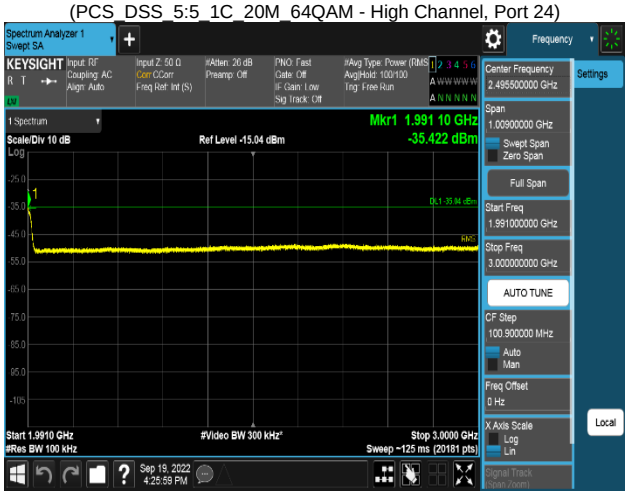
Plot 8-172. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



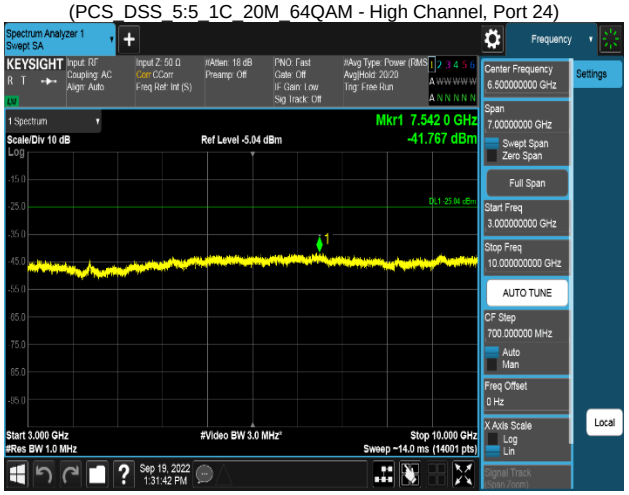
Plot 8-173. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



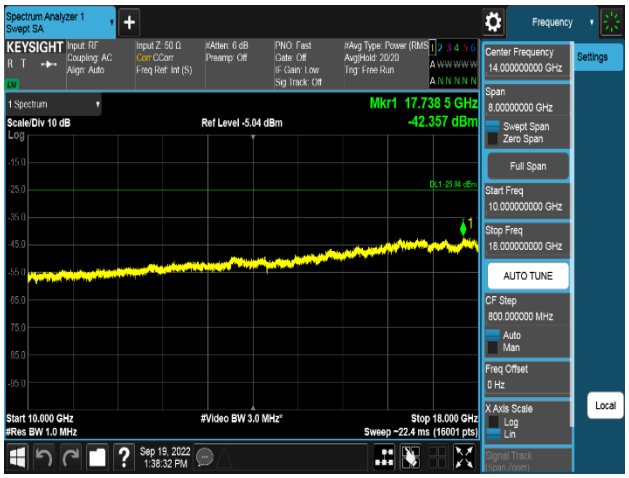
Plot 8-174. Conducted Spurious Emission Plot
1 GHz to 1.929 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



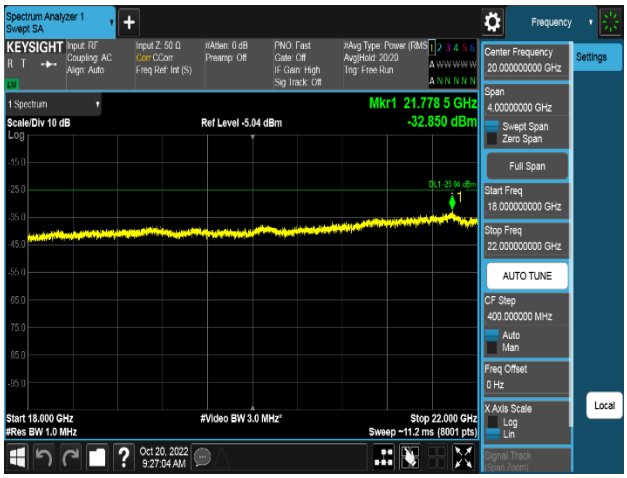
Plot 8-175. Conducted Spurious Emission Plot
1.991 GHz to 3 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



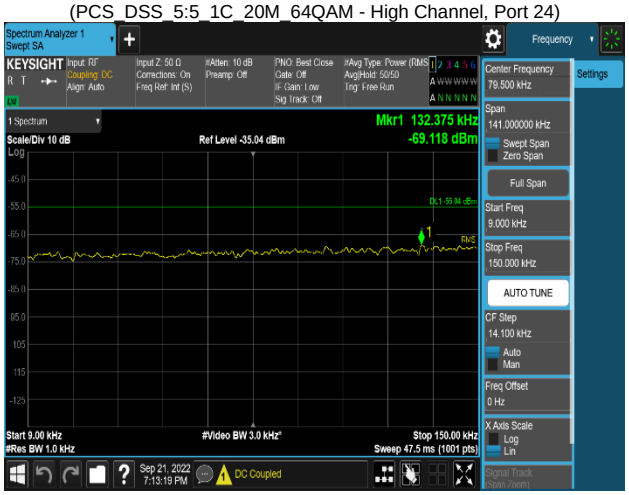
Plot 8-176. Conducted Spurious Emission Plot
3 GHz to 10 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



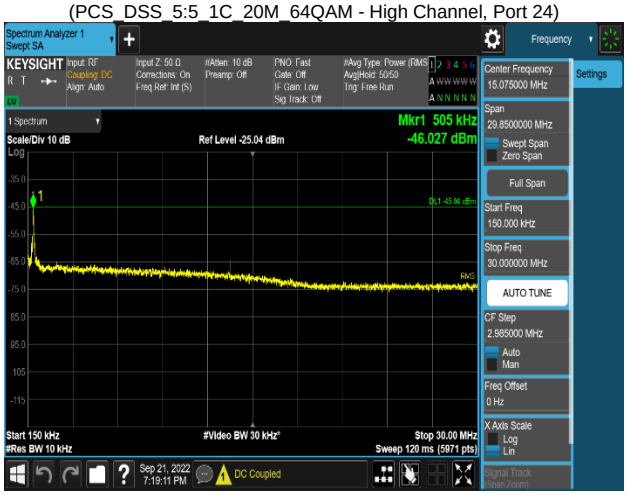
Plot 8-177. Conducted Spurious Emission Plot
10 GHz to 18 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



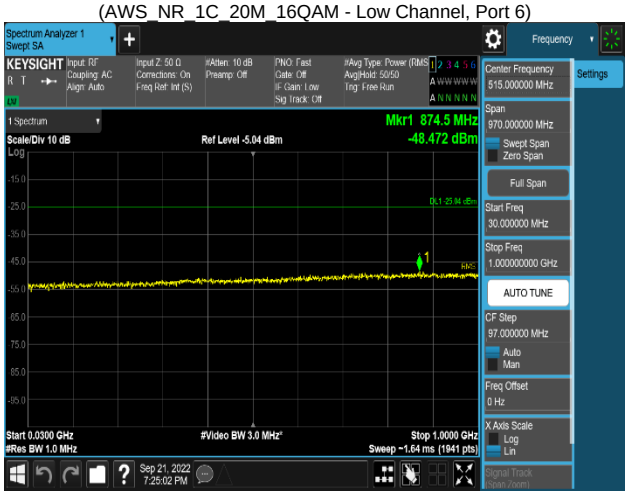
Plot 8-178. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(PCS_DSS_5:5_1C_20M_64QAM - High Channel, Port 24)



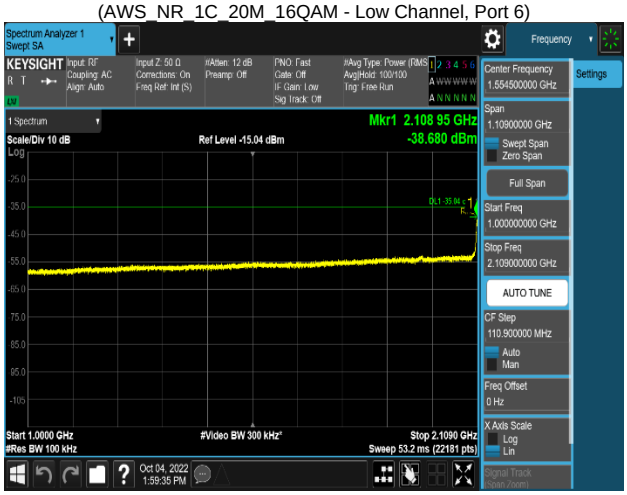
Plot 8-179. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



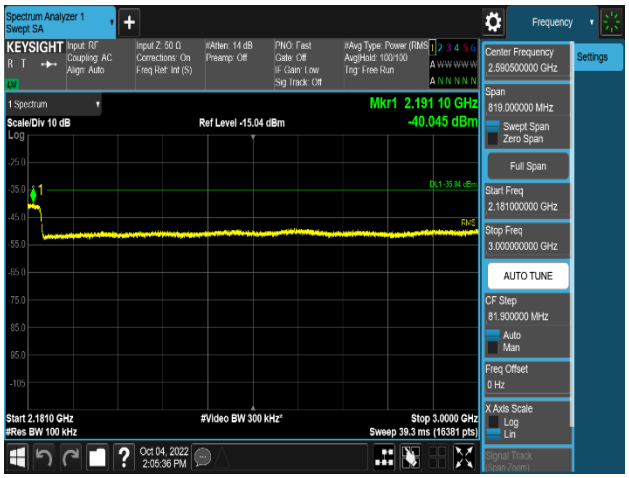
Plot 8-180. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



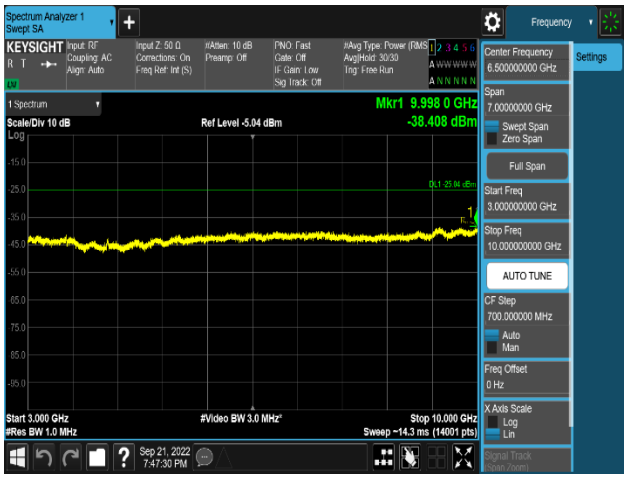
Plot 8-181. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



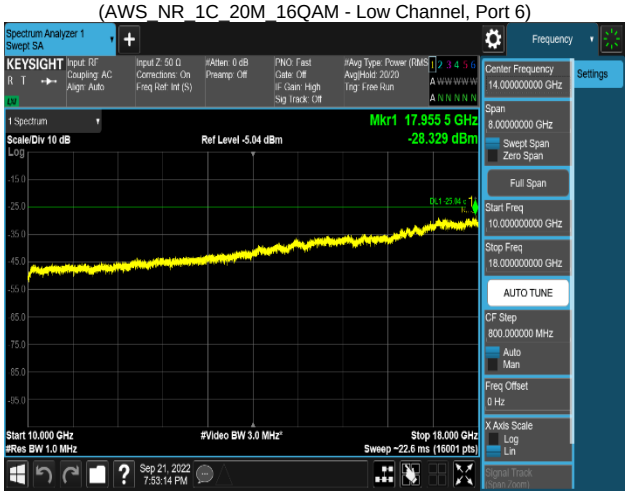
Plot 8-182. Conducted Spurious Emission Plot
1 GHz to 2.109 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



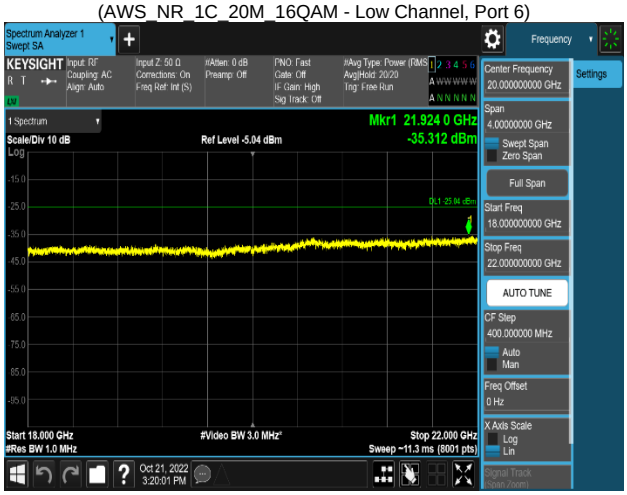
Plot 8-183. Conducted Spurious Emission Plot
2.181 GHz to 3 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



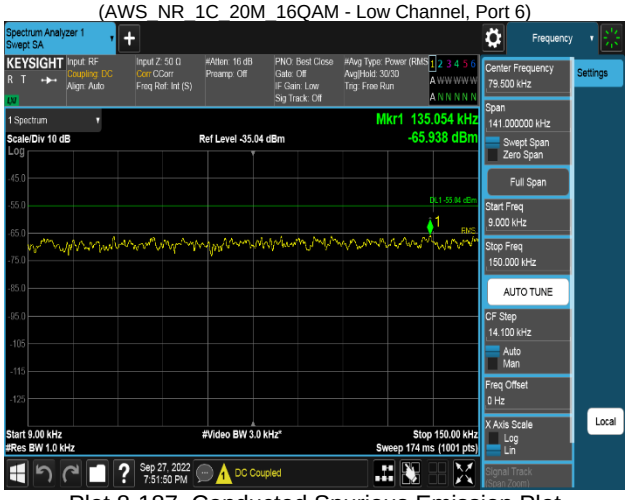
Plot 8-184. Conducted Spurious Emission Plot
3 GHz to 10 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



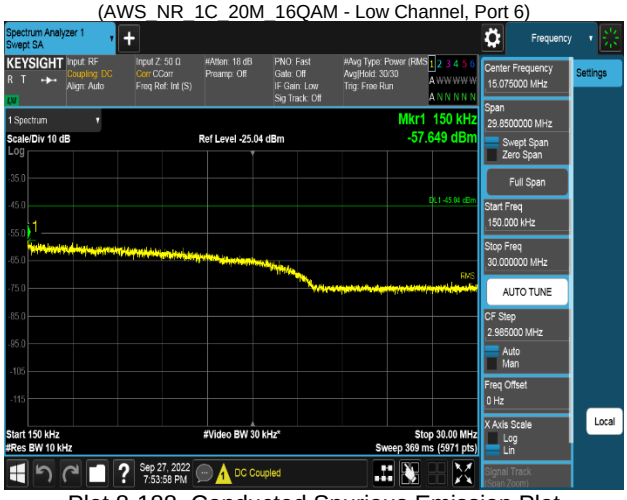
Plot 8-185. Conducted Spurious Emission Plot
10 GHz to 18 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



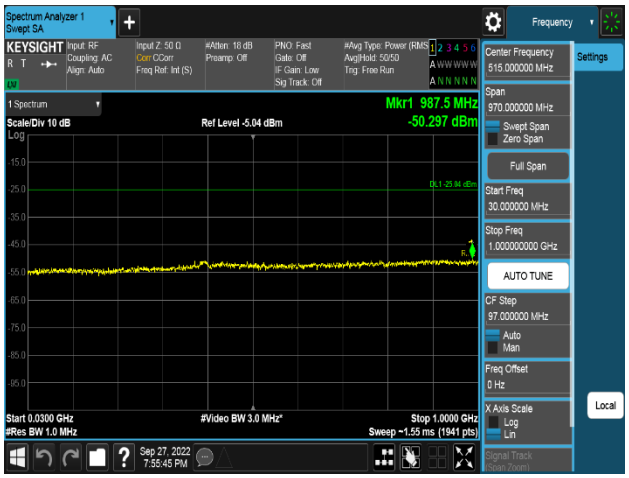
Plot 8-186. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(AWS_NR_1C_20M_16QAM - Low Channel, Port 6)



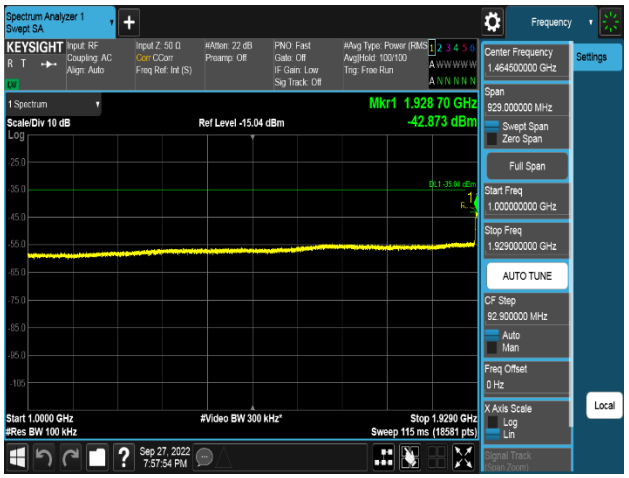
Plot 8-187. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)



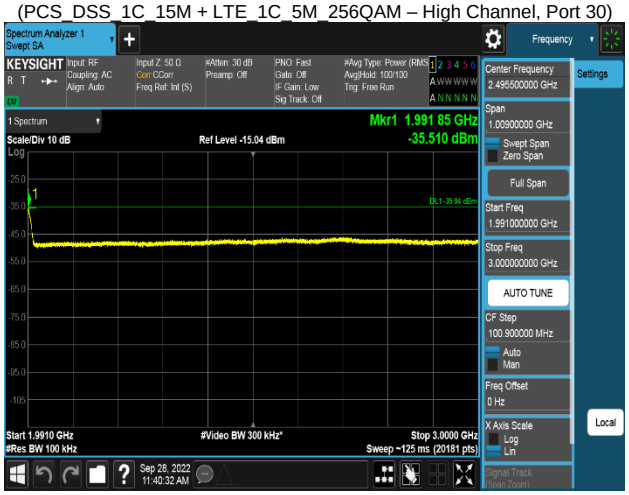
Plot 8-188. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)



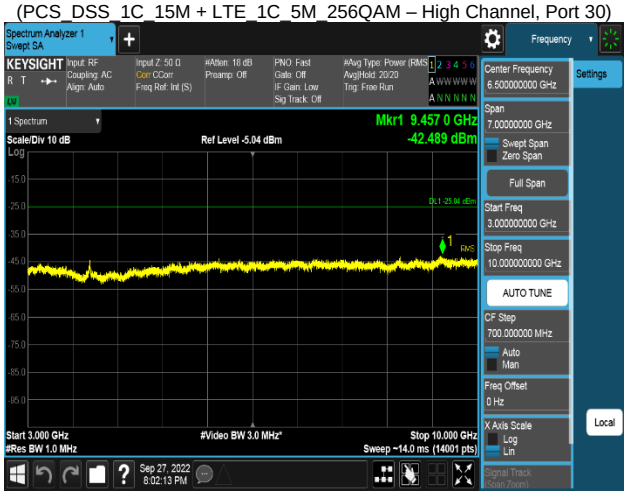
Plot 8-189. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)



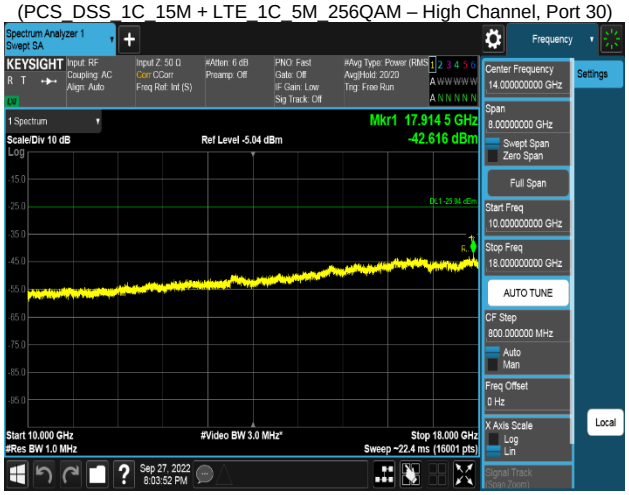
Plot 8-190. Conducted Spurious Emission Plot
1 GHz to 1.929 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)



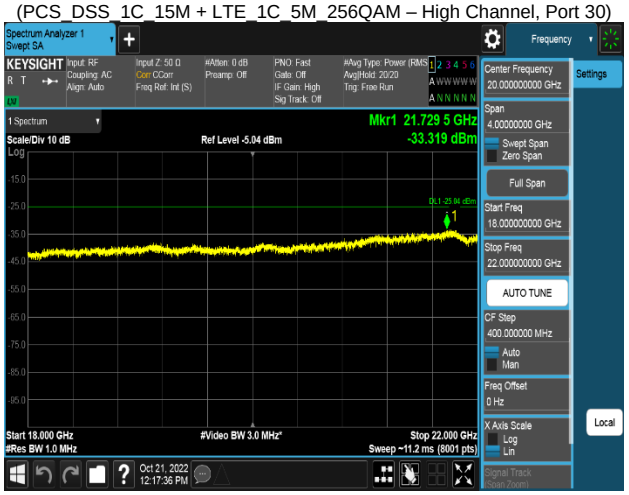
Plot 8-191. Conducted Spurious Emission Plot
1.991 GHz to 3 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)



Plot 8-192. Conducted Spurious Emission Plot
3 GHz to 10 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)

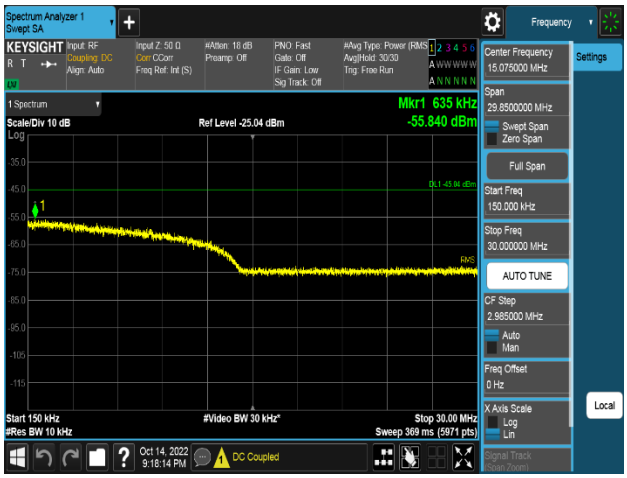


Plot 8-193. Conducted Spurious Emission Plot
10 GHz to 18 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)

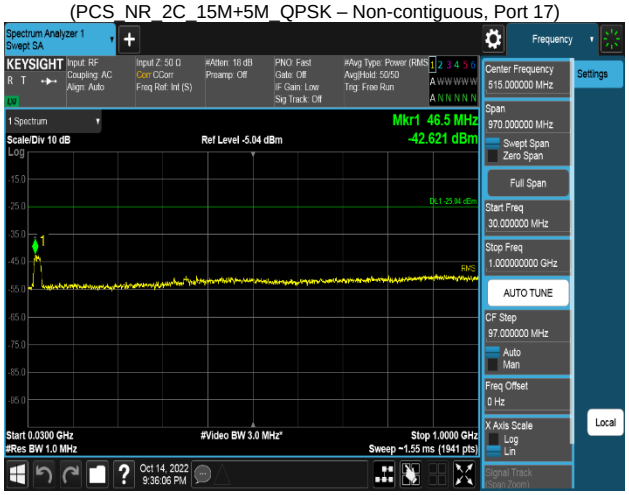


Plot 8-194. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(PCS_DSS_1C_15M + LTE_1C_5M_256QAM – High Channel, Port 30)

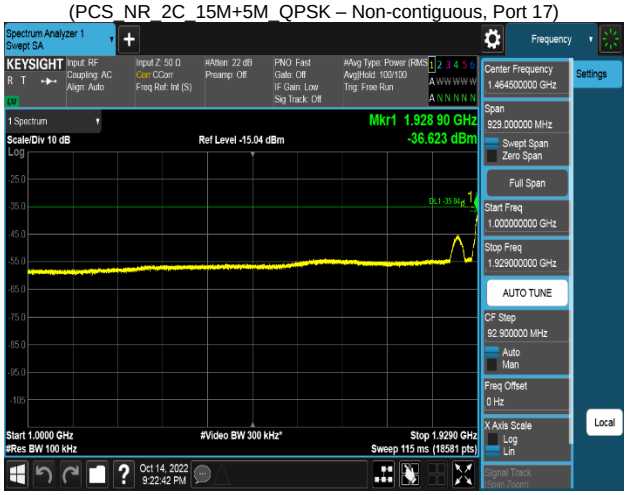
Plot 8-195. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



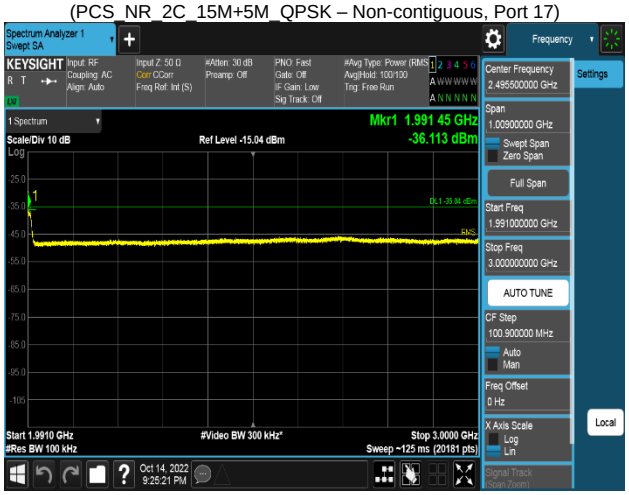
Plot 8-196. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



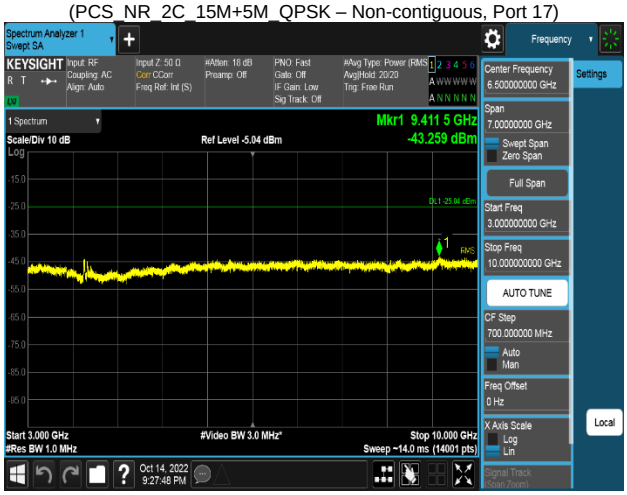
Plot 8-197. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



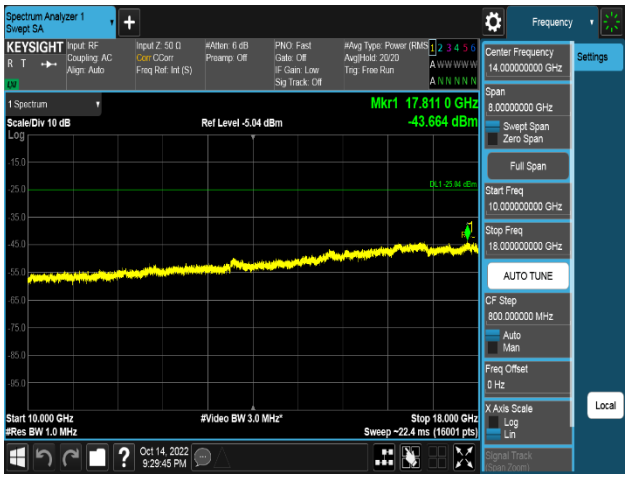
Plot 8-198. Conducted Spurious Emission Plot
1 GHz to 1.929 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



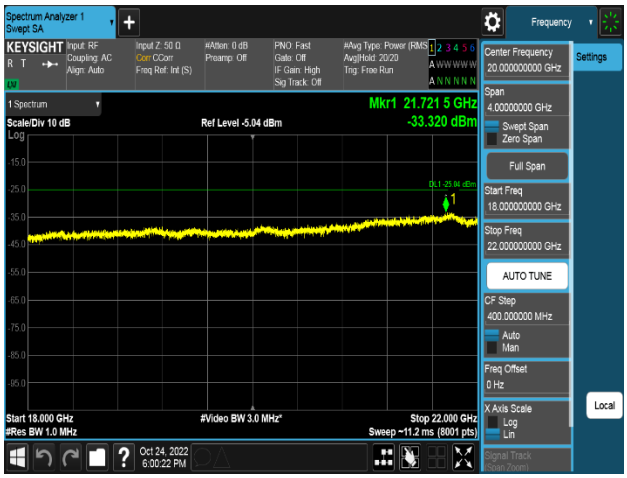
Plot 8-199. Conducted Spurious Emission Plot
1.991 GHz to 3 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



Plot 8-200. Conducted Spurious Emission Plot
3 GHz to 10 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



Plot 8-201. Conducted Spurious Emission Plot
10 GHz to 18 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)



Plot 8-202. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(PCS_NR_2C_15M+5M_QPSK – Non-contiguous, Port 17)

8.7 Radiated spurious emission

Test Overview

Radiated spurious emissions measurements are performed using the field strength method described in ANSI C63.26-2015. Measurements on signals operating below 1GHz are performed using vertically and horizonally polarized broadband tri-log antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas.

Test Procedure Used

ANSI C63.26 - Section 5.5.3.2

Test Setting

1. Start frequency was set to 30 MHz and stop frequency was set to at least 10 * the fundamental frequency
2. RBW = 1 MHz
3. VBW ≥ 3 x RBW
4. No. of sweep points ≥ 2 x span / RBW
5. Detector = Peak for the pre-scan, (In cases where the level is within 2 dB of the limit, the final measurement is taken using RMS detector.)
6. Trace mode = Max Hold (In cases where the level is within 2 dB of the limit, the final measurement is taken using triggering/gating and trace averaging.)
7. The trace was allowed to stabilize.

Limit

The power of any emission outside of the authorized operating frequency range cannot exceed -13 dBm.

Test Setup

The Floor-standing EUT and measurement equipment were set up as shown in the diagram below.

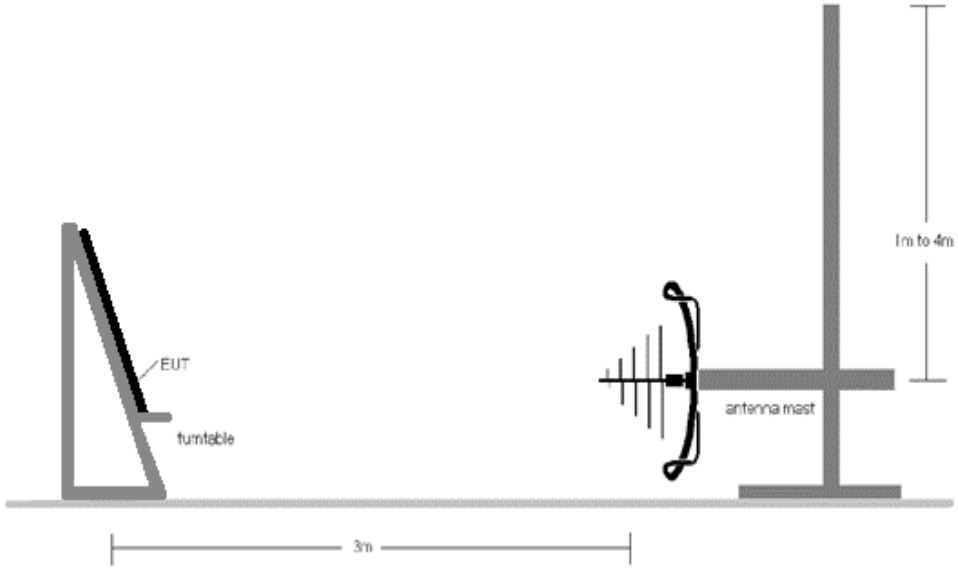


Figure 8-6. Test Instrument & Measurement Setup < 1 GHz

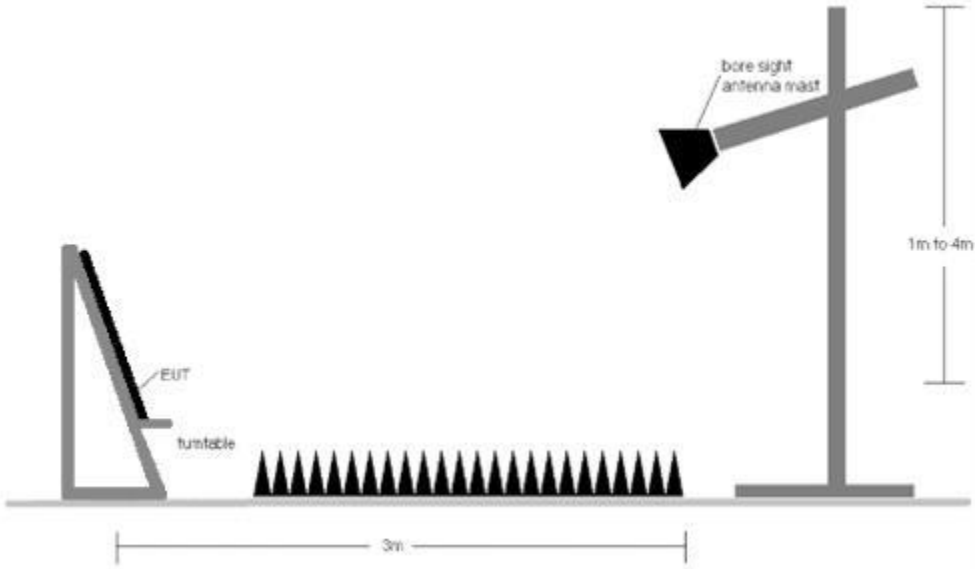


Figure 8-7. Test Instrument & Measurement Setup > 1 GHz

Test Notes

1. The EUT installed and tested as described in the manufactures instruction manual.

2. The average EIRP reported below is calculated per 5.2.7 of ANSI C63.26-2015 which states:

   The measured e.i.r.p is converted to E-field in V/m. Then the distance correction is applied before converted back to calculated e.i.r.p.as explained in KDB 971168 D01 D01 v03r01.

Effective Isotropic Radiated Power Sample Calculation

Field Strength [dBµV/m] = Measured Value [dBm] + AFCL [dB/m] + 107

= -46.24 dBm + (1.98 dB/m) + 107 = 62.74 dBµV/m

e.i.r.p. [dBm] = E[dB μV/m] + 20 $\log_{10}$(d[m]) - 104.8

= 62.74 + (20*log (3)) - 104.8

= -32.52 dBm e.i.r.p.

*AFCL (dB/m) contains measurement antenna factor(dB/m) and cable loss(dB) as below:

Frequency [MHz]	Antenna Factor (dB/m)	Chamber measurement cable loss + amplifier [dB]	AFCL (dB/m)
986.81	23.30	2.69	25.98
4304.29	32.47	-30.49	1.98

Table 8-89. Adopted AFCL value in the calculation

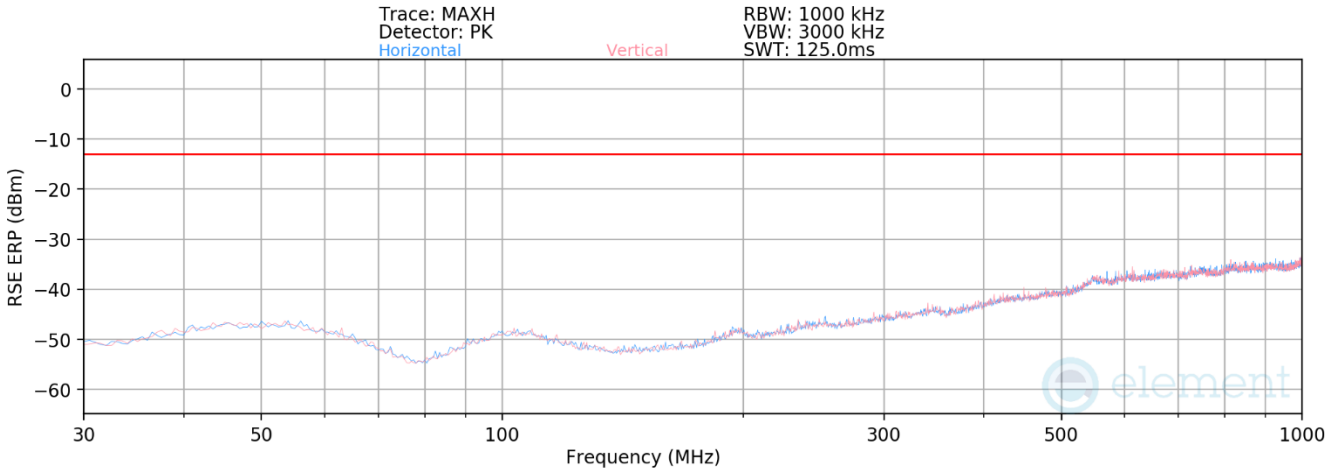
3. The EUT was tested in both horizontal and vertical antenna polarizations and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, channel bandwidth configurations shown in the tables below.

4. The spectrum is measured from 30 MHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.

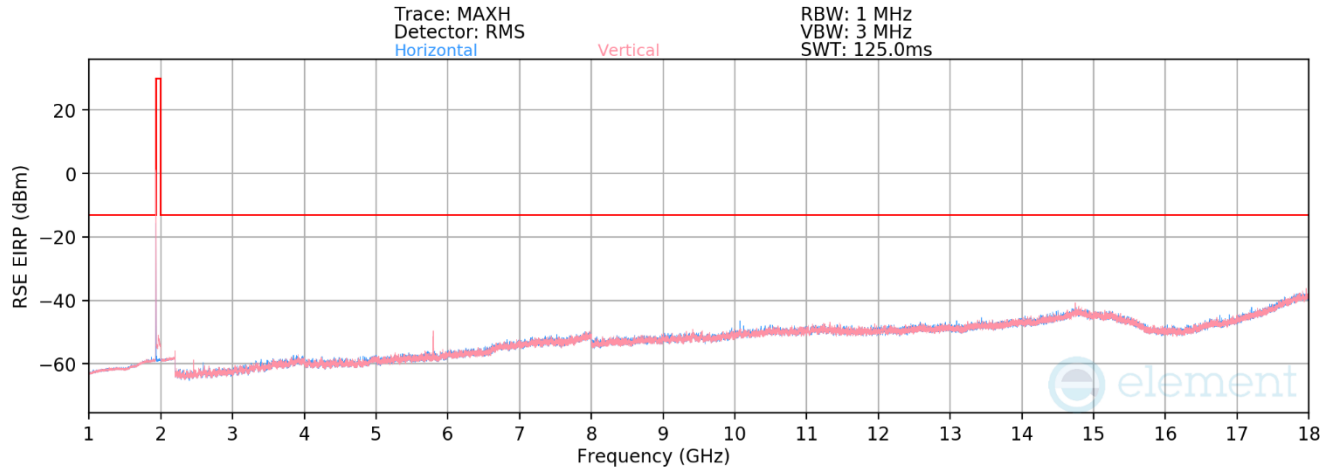
5. All emissions were measured at a 3-meter test distance.

6. Spurious emissions were measured with all EUT antennas transmitting simultaneously and all antenna ports terminated.

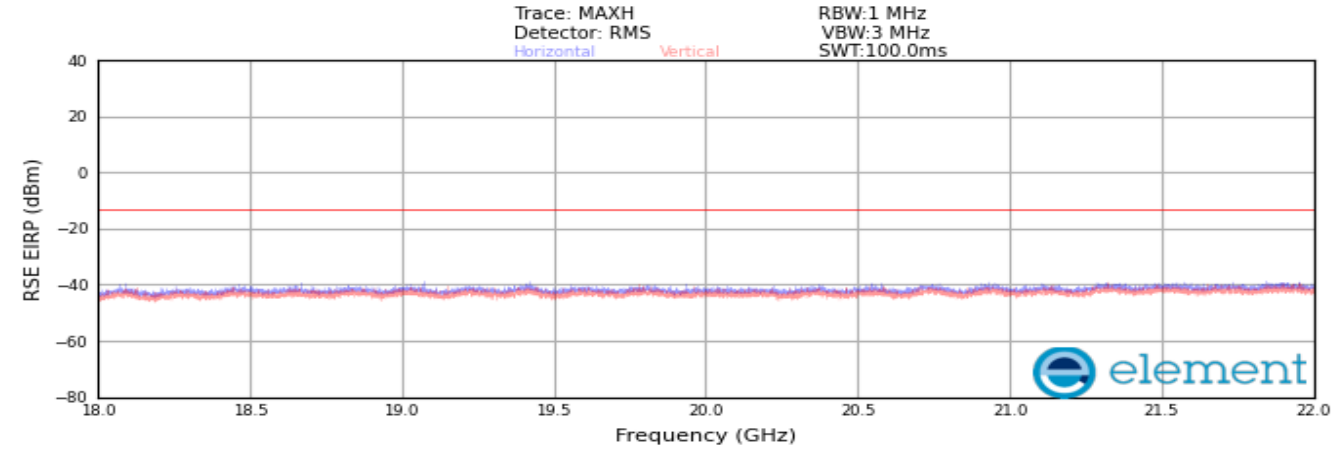
7. The "-" shown in the following RSE tables are used to denote a noise floor measurement.



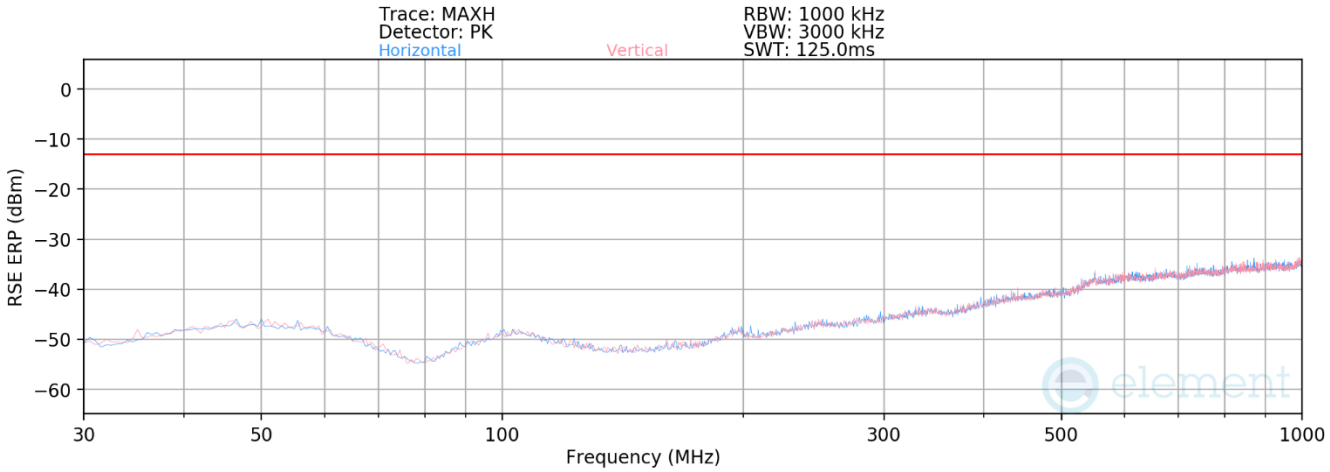
Plot 8-203. Radiated spurious emission_30 MHz to 1000 MHz (PCS_NR_1C_5M_Low Channel)



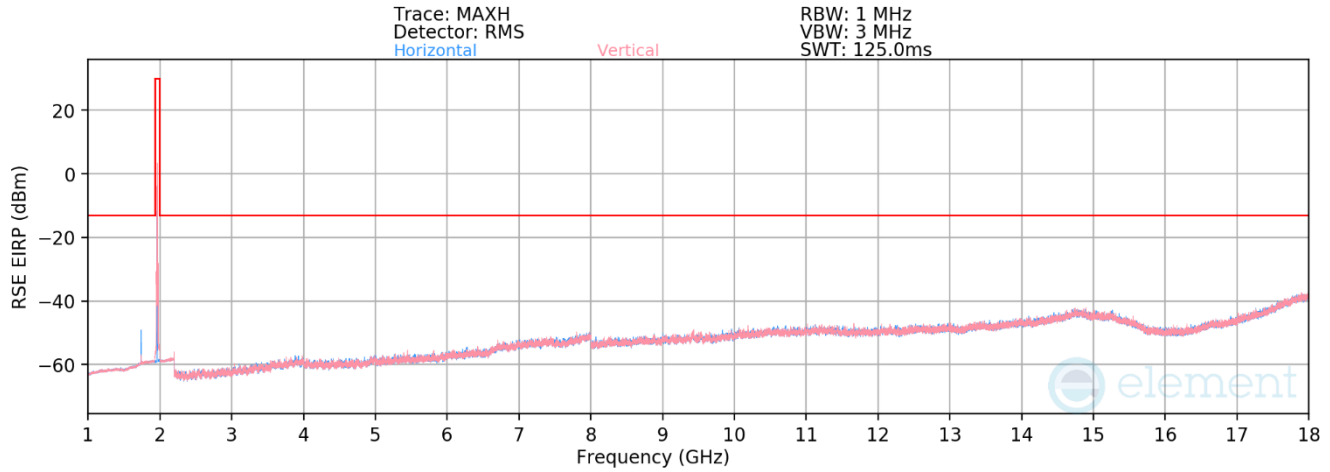
Plot 8-204. Radiated spurious emission Plot_1 GHz to 18 GHz (PCS_ NR_1C_5M_Low Channel)



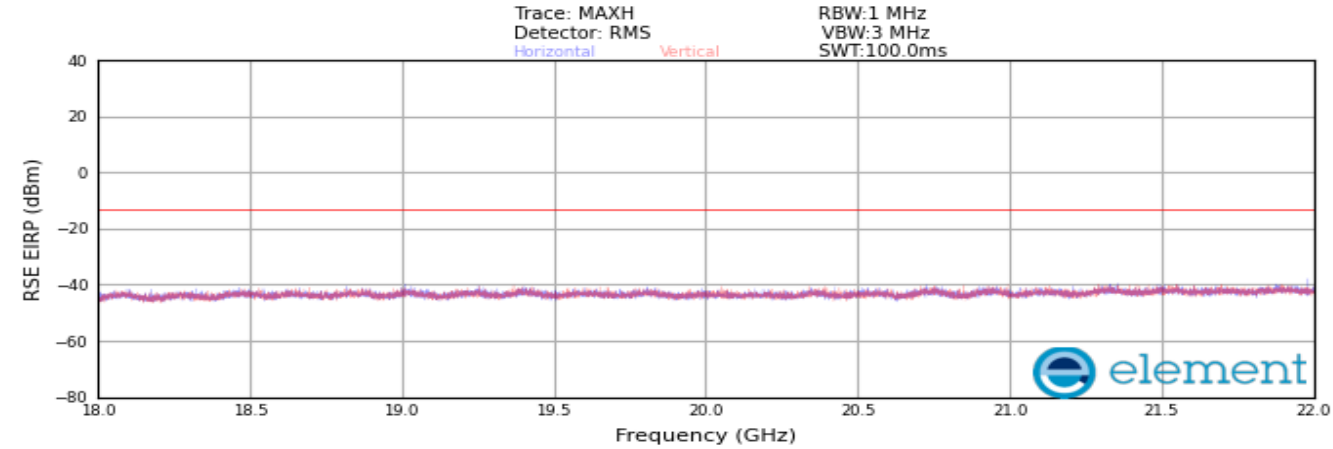
Plot 8-205. Radiated spurious emission Plot_18 GHz to 22 GHz (PCS_ NR_1C_5M _Low Channel)



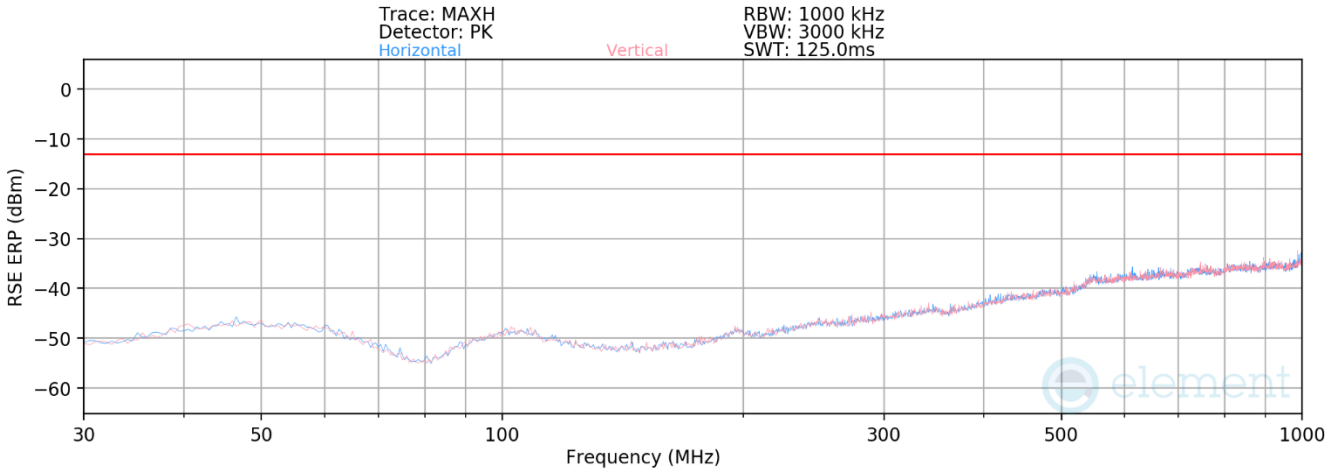
Plot 8-206. Radiated spurious emission_30 MHz to 1000 MHz (PCS_ NR_1C_15M + LTE_1C_5M_Mid Channel)



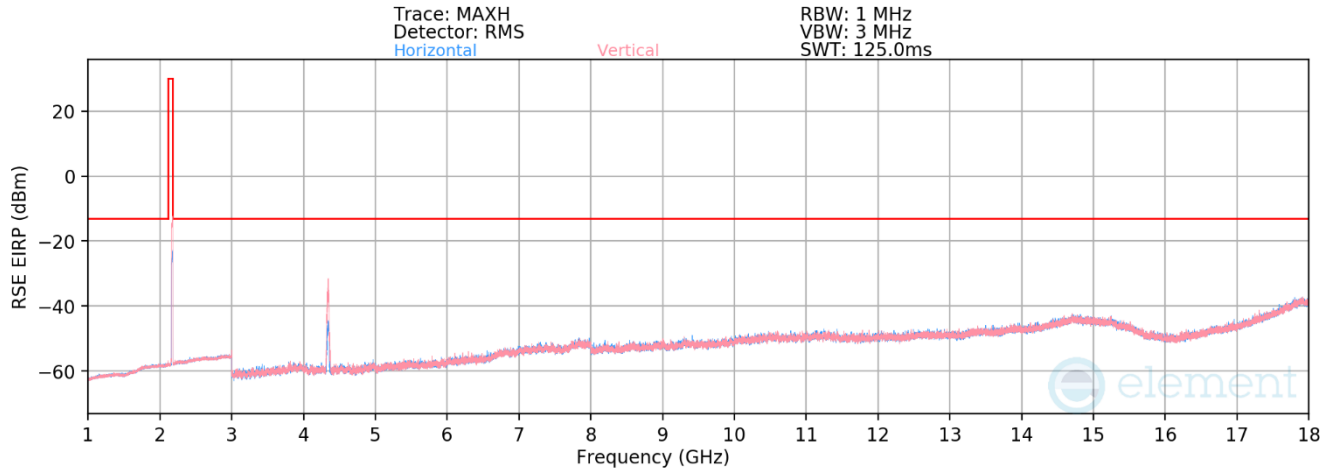
Plot 8-207. Radiated spurious emission Plot_1 GHz to 18 GHz (PCS_ NR_1C_15M + LTE_1C_5M_Mid Channel)



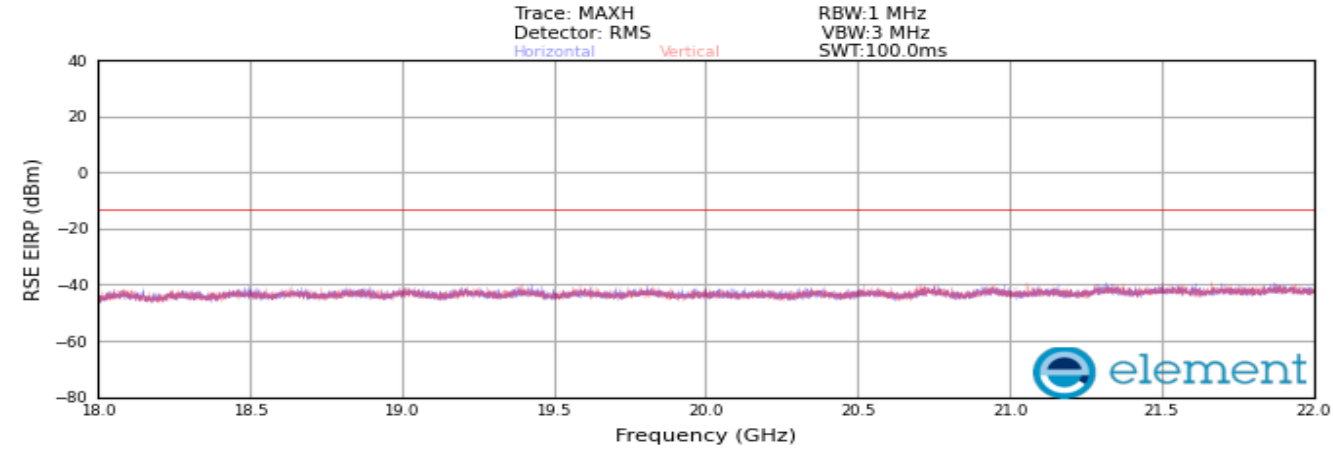
Plot 8-208. Radiated spurious emission Plot_18 GHz to 22 GHz (PCS_ NR_1C_15M + LTE_1C_5M _Mid Channel)



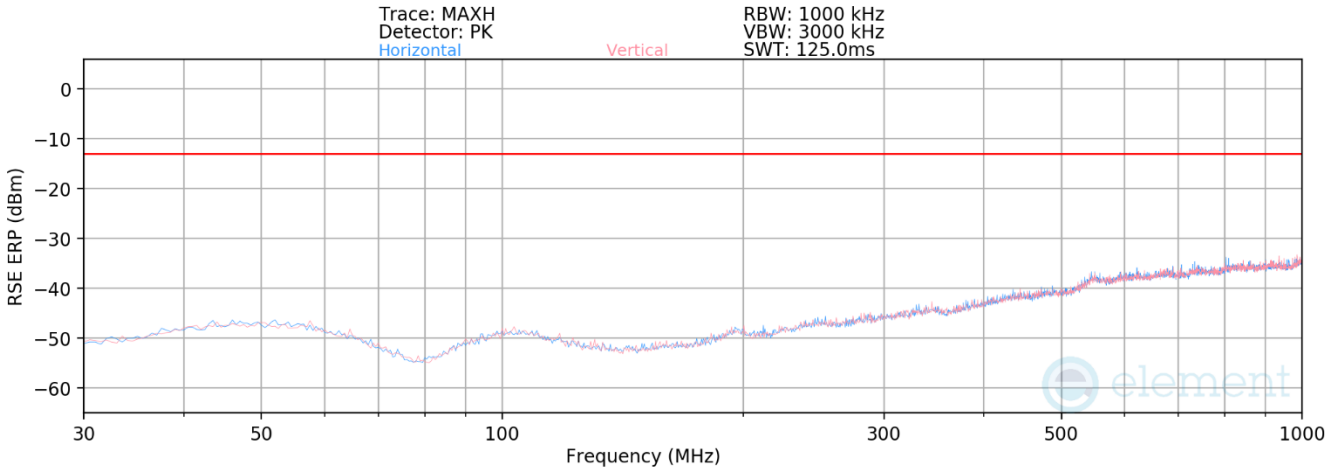
Plot 8-209. Radiated spurious emission_30 MHz to 1000 MHz (AWS_ NR_1C_20M _High Channel)



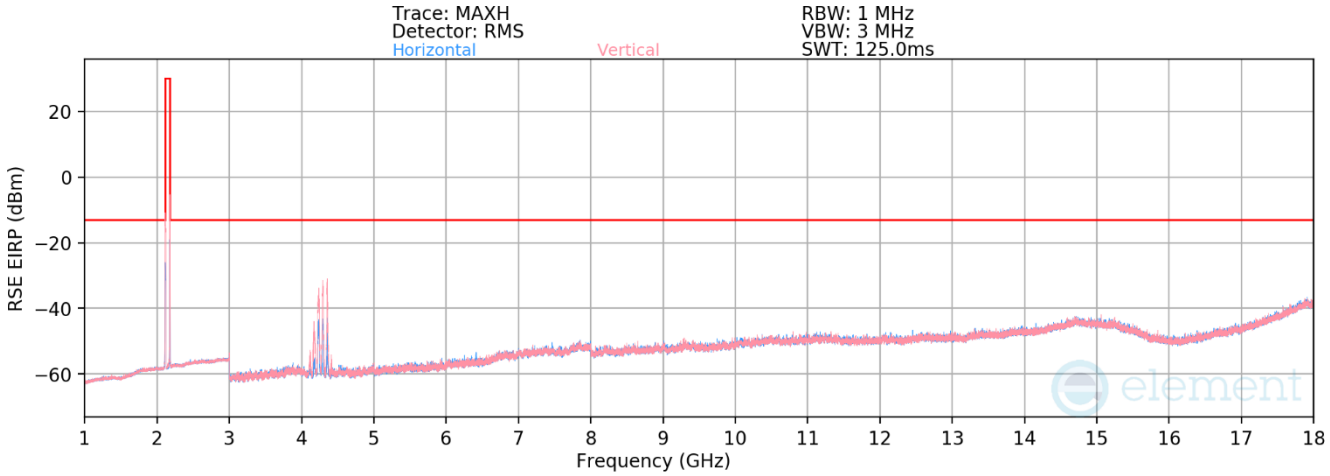
Plot 8-210. Radiated spurious emission Plot_1 GHz to 18 GHz (AWS_NR_1C_20M_High Channel)



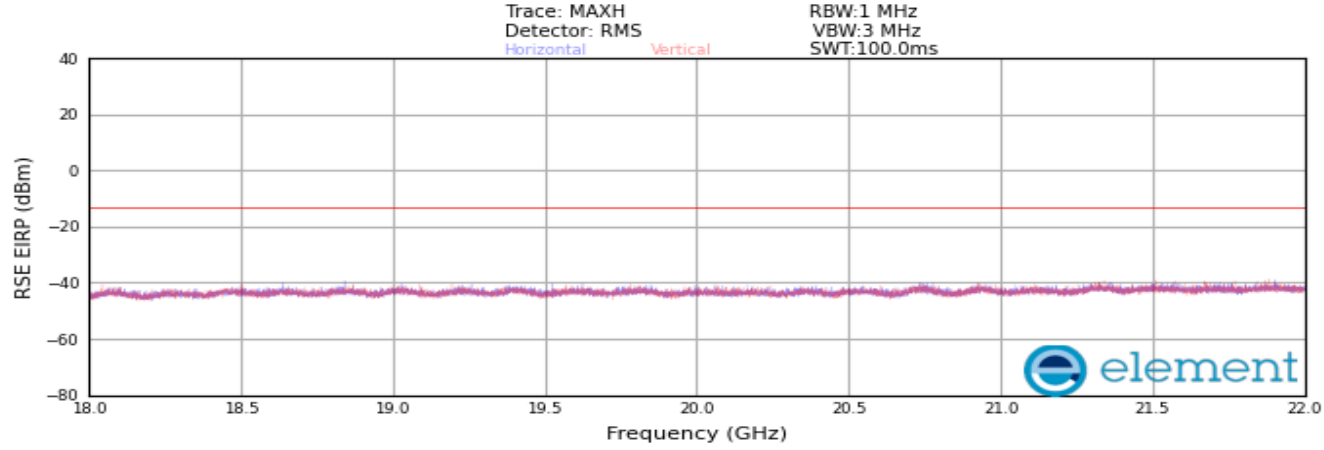
Plot 8-211. Radiated spurious emission Plot_18 GHz to 22 GHz (AWS_ NR_1C_20M _High Channel)



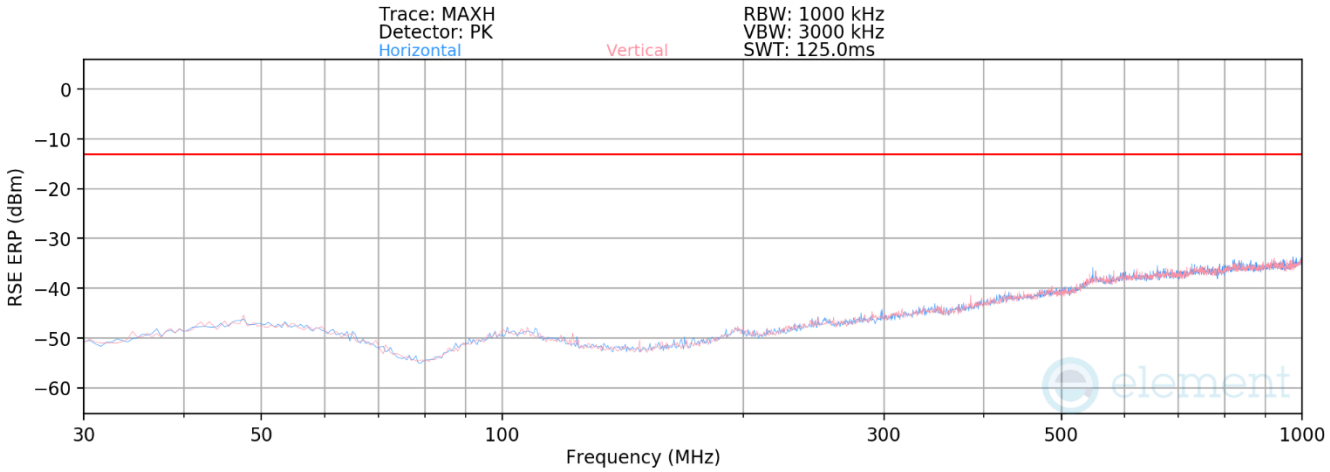
Plot 8-212. Radiated spurious emission_30 MHz to 1000 MHz (AWS_DSS_1C_15M + LTE_1C_5M Non-contiguous)



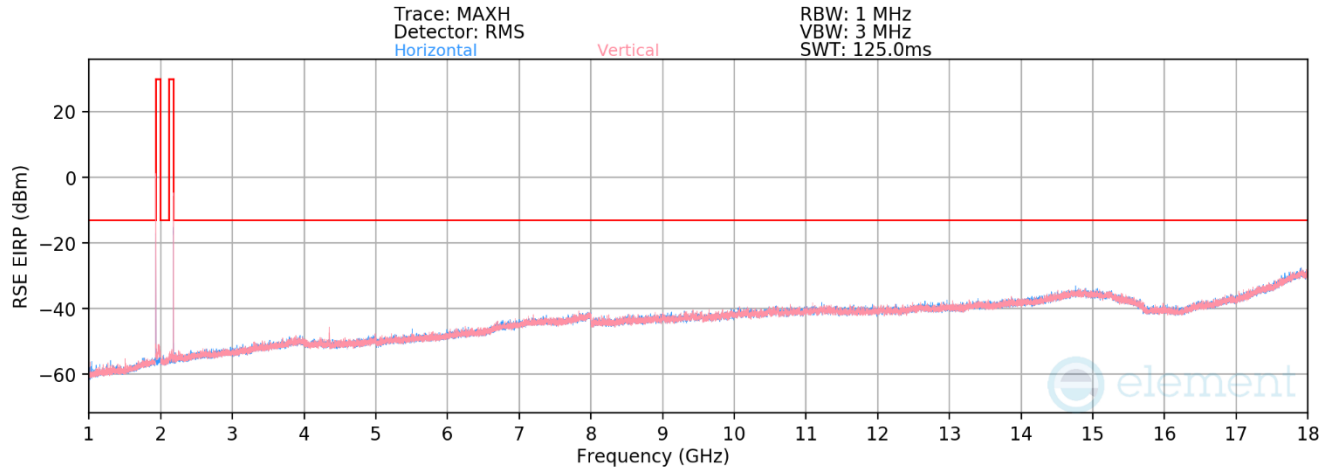
Plot 8-213. Radiated spurious emission Plot_1 GHz to 18 GHz (AWS_DSS_1C_15M + LTE_1C_5M Non-contiguous)



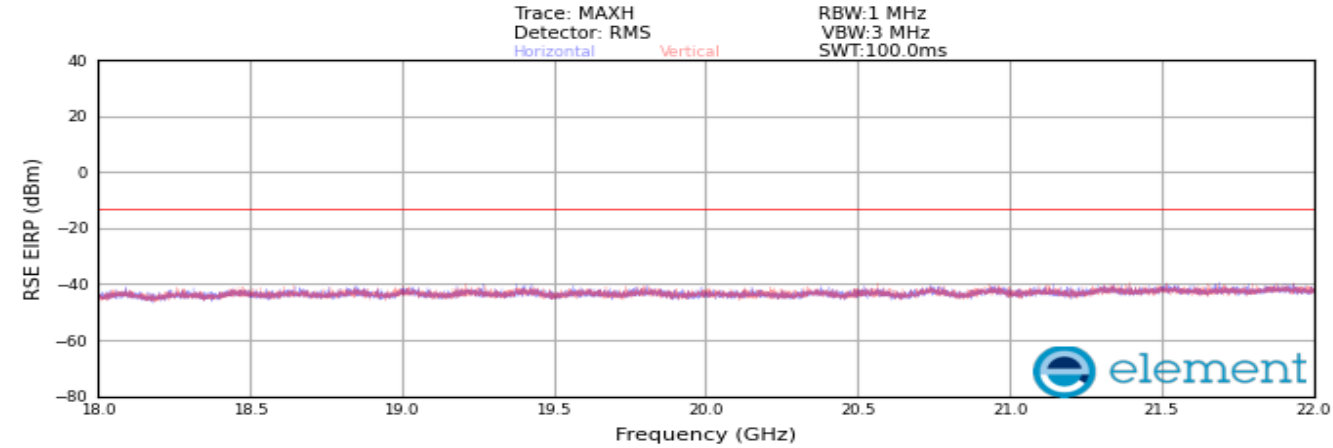
Plot 8-214. Radiated spurious emission Plot_18 GHz to 22 GHz (AWS_DSS_1C_15M + LTE_1C_5M Non-contiguous)



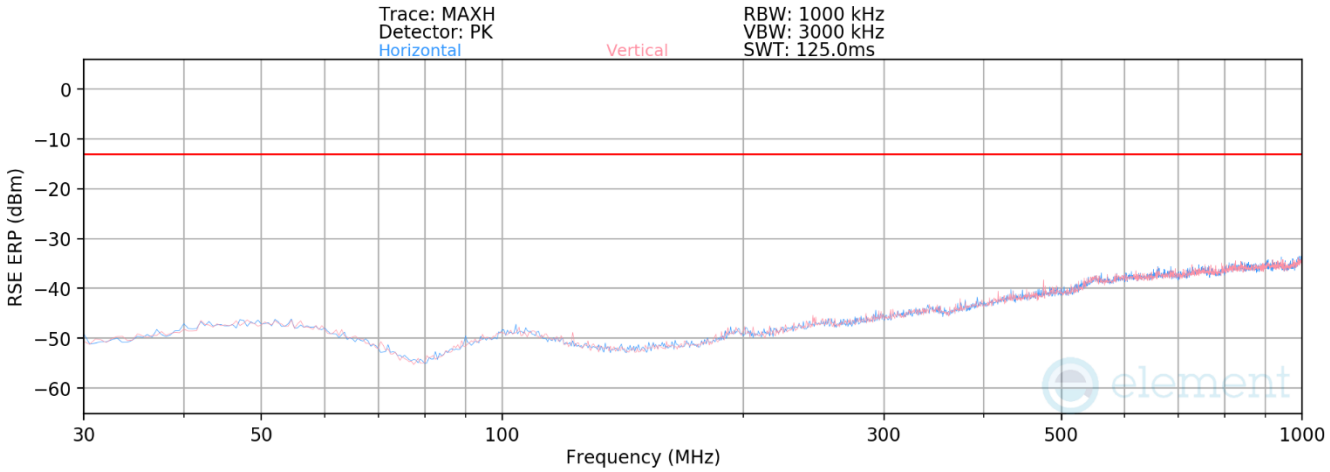
Plot 8-215. Radiated spurious emission_30 MHz to 1000 MHz (Multi-band_PCS_NR_1C_5M_Low + AWS_NR_1C_5M_High Channel)



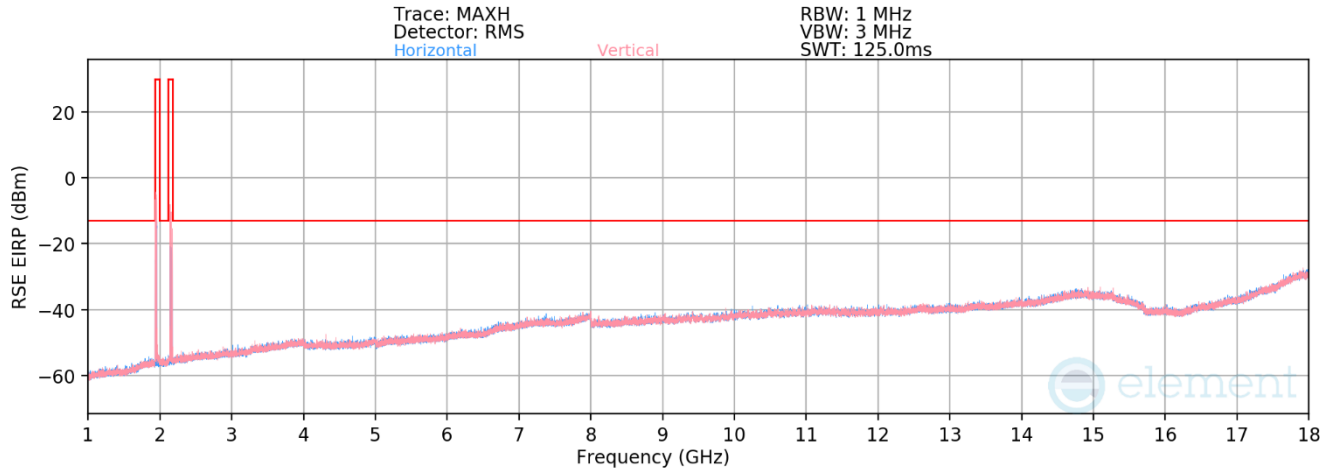
Plot 8-216. Radiated spurious emission Plot_1 GHz to 18 GHz (Multi-band_PCS_NR_1C_5M_Low + AWS_NR_1C_5M_High Channel)



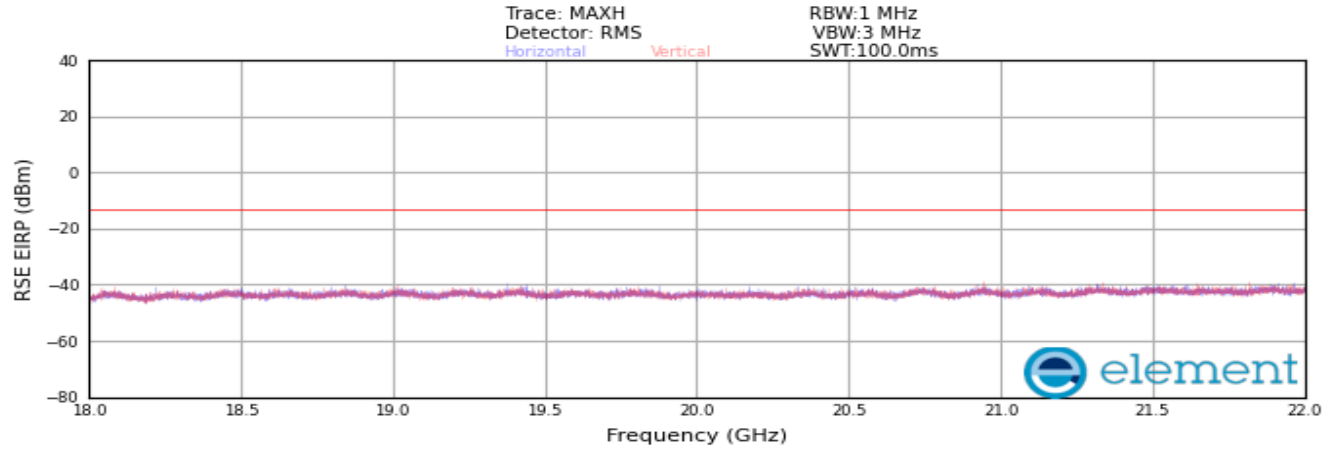
Plot 8-217. Radiated spurious emission Plot_18 GHz to 22 GHz (Multi-band_PCS_NR_1C_5M_Low + AWS_NR_1C_5M_High Channel)



Plot 8-218. Radiated spurious emission_30 MHz to 1000 MHz
(Multi-band_PCS_NR_3C_10M+10M+10M_Low + AWS_NR_3C_20M+15M+15M_High Channel)



Plot 8-219. Radiated spurious emission Plot_1 GHz to 18 GHz
(Multi-band_PCS_NR_3C_10M+10M+10M_Low + AWS_NR_3C_20M+15M+15M_High Channel)



Plot 8-220. Radiated spurious emission Plot_18 GHz to 22 GHz
(Multi-band_PCS_NR_3C_10M10M10M_Low + AWS_NR_3C_20M15M15M_High Channel)

Bandwidth (MHz):	AWS_DSS_1C_15M + LTE_1C_5M Non-contiguous
Center Frequency (MHz):	2117.5 MHz + 2178.5 MHz
Modulation Signal:	QPSK

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Heigh [cm]	Turntable azimuth [degree]	Analyzer Level [dBm/MHz]	AFCL [dBm]	Field Strength [dBμV/m]	RSE EIRP [dBm/MHz]	Limit [dBm/MHz]	Margin [dB]
962.31	H	120	355	-72.69	25.98	60.29	-34.96	-13	-21.96
973.52	V	100	15	-72.43	26.03	60.60	-34.66	-13	-21.66
4304.29	H	150	190	-57.36	1.98	51.62	-43.64	-13.00	-30.64
4304.62	V	150	185	-46.24	1.98	62.74	-32.52	-13.00	-19.52

Table 8-90. Radiated spurious emission Worst case Summary Data

9.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung MMU(MF1601d) FCC ID: A3LMF1601d-25A** complies with all of the requirements of Part 24, and 27 FCC Rules.

10.0 APPENDIX. A

10.1 Conducted Average Output Power

Test Overview

A transmitter port of EUT is connected to the input of a signal analyzer. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

Test Description

KDB 971168 D01 v03r01 – Section 5
KDB 662911 D01 v02r01 – Section E)1) In-Band Power Measurements
ANSI C63.26-2015 – Section 5.2.4.4.1

The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The spectrum analyzer settings were as follows:

1. Conducted power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 ~ 5% of the expected OBW
3. VBW ≥ 3 x RBW
4. Span = 2 ~ 3 x OBW
5. No. of sweep points ≥ 2 x span / RBW
6. Detector = RMS
7. Trigger Settings is set to "RF Power" for signals with non-continuous operation with the sweep times set to "auto". Refer test note 3 for details.
8. Trace mode = Trace-Averaging (RMS) set to average over 100 sweeps
9. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

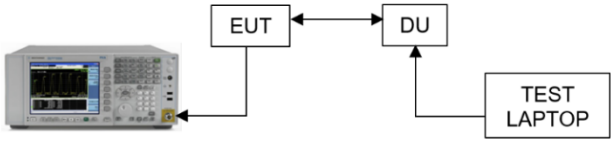


Figure 10-1. Test Instrument & Measurement Setup

Limit

N/A

Note

1. Result for reference maximum output power of MPE is under section 10.1.

2. MIMO Calculations are done considering output channel power for all ports and respective margins are calculated according to procedures in section 6.4 of ANSI C63.26 and section D of KDB 971168 D01 v03r01.

3. Consider the following factors for MIMO Power:
   Conducted power for each port is measured in dBm.
   Powers are summed up in linear using the measure-and-sum technique defined in KDB 971168 D01 v03r01-Section D.
   Conducted power per port (dBm) is converted to a linear value (mW). A summation of linear powers for all ports gives us the total MIMO conducted power in milliWatts (mW).

4. Sample Calculation:
   Let us assume the following numbers:
   a) Total MIMO Conducted Power as 40284.98 mW
   b)

Factors		Value	Unit
Summed MIMO Conducted Power (linear sum)		40284.98	mW
Summed MIMO Conducted Power (dBm)	= 10 * log (40284.98) =	46.05	dBm

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	34.03	33.95	34.00	33.76
	17	34.09	34.05	34.13	34.17
	18	34.15	34.05	34.10	34.10
	19	33.84	33.93	33.91	33.83
	20	33.95	34.07	34.12	33.98
	21	34.00	34.00	34.16	33.98
	22	34.00	34.01	34.06	34.00
	23	34.13	34.05	34.09	34.11
	24	34.01	33.95	34.05	33.87
	25	34.00	33.97	33.98	33.98
	26	34.09	34.05	33.52	34.05
	27	33.93	33.97	33.44	34.01
	28	34.01	34.12	34.09	33.92
	29	34.09	34.07	33.93	34.04
	30	33.98	34.00	34.01	33.93
	31	33.85	33.94	33.95	33.77
Total MIMO Max Power (mW)		40284.98	40297.61	39965.99	39915.77
Total MIMO Max Power (dBm)		46.05	46.05	46.02	46.01
Mid	16	33.91	33.93	33.96	33.87
	17	34.12	34.16	33.94	33.96
	18	34.19	34.20	34.18	34.14
	19	34.06	33.96	34.06	34.04
	20	34.02	34.02	33.85	33.87
	21	34.15	34.03	34.00	33.96
	22	34.19	34.21	34.06	34.00
	23	34.14	34.02	34.01	33.99
	24	34.06	33.96	33.93	34.04
	25	33.95	33.98	33.90	33.84
	26	34.06	34.03	33.92	33.91
	27	34.04	33.98	33.55	33.78
	28	34.14	34.15	33.98	34.04
	29	34.02	34.03	33.88	33.92
	30	33.94	33.91	33.81	33.83
	31	33.90	33.92	33.81	33.85
Total MIMO Max Power (mW)		40717.43	40484.30	39543.91	39648.22
Total MIMO Max Power (dBm)		46.10	46.07	45.97	45.98

High	16	33.97	34.16	34.00	33.99
	17	34.06	34.02	34.05	34.04
	18	34.21	34.25	34.10	34.14
	19	34.15	34.10	34.16	34.01
	20	34.11	34.02	34.13	34.05
	21	34.16	34.26	34.24	34.28
	22	34.20	34.26	34.21	34.21
	23	34.31	34.19	34.25	34.21
	24	34.29	34.22	34.27	34.40
	25	34.08	33.98	33.99	34.09
	26	34.04	34.00	34.02	34.01
	27	34.03	33.96	33.95	34.01
	28	34.02	34.12	34.04	34.19
	29	34.03	33.98	34.01	33.97
	30	34.01	33.99	33.92	33.98
	31	34.14	34.00	34.03	34.04
Total MIMO Max Power (mW)		41261.39	41086.27	41003.16	41154.25
Total MIMO Max Power (dBm)		46.16	46.14	46.13	46.14

Table 10-1. Conducted Average Output Power Table (PCS_NR_1C_5M)

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	36.98	36.89	36.94	36.93
	17	37.06	36.98	37.03	37.05
	18	37.02	37.04	37.04	37.03
	19	36.90	36.92	36.98	36.88
	20	37.00	37.04	36.99	37.00
	21	37.05	37.04	37.05	37.02
	22	37.03	37.01	37.01	36.95
	23	37.09	37.06	37.01	37.03
	24	36.98	36.95	37.00	36.98
	25	36.90	37.01	36.95	36.98
	26	37.06	37.01	36.96	36.96
	27	36.92	36.97	36.98	36.92
	28	37.04	37.01	37.04	37.02
	29	37.06	36.99	37.00	36.97
	30	36.99	36.98	36.95	36.94
	31	36.77	36.88	36.88	36.90
Total MIMO Max Power (mW)		80030.61	79942.15	79974.96	79688.82
Total MIMO Max Power (dBm)		49.03	49.03	49.03	49.01
Mid	16	36.92	36.92	36.94	36.88
	17	37.05	36.93	37.04	37.01
	18	37.09	37.13	37.15	37.16
	19	37.03	36.96	36.93	36.96
	20	36.92	36.93	36.96	36.95
	21	37.05	36.99	37.00	36.98
	22	37.06	37.05	37.06	37.13
	23	36.95	36.96	36.98	37.01
	24	37.03	36.98	37.04	37.00
	25	36.88	36.86	36.90	36.91
	26	37.00	36.97	37.01	36.97
	27	36.82	36.93	36.87	36.92
	28	37.01	37.05	37.06	37.08
	29	36.96	36.90	37.04	36.94
	30	36.91	36.84	36.96	36.94
	31	36.84	36.87	36.94	36.92
Total MIMO Max Power (mW)		79651.31	79363.33	80061.73	79925.91
Total MIMO Max Power (dBm)		49.01	49.00	49.03	49.03

High	16	36.86	36.88	36.84	36.87
	17	37.07	37.02	37.05	37.04
	18	37.22	37.02	37.03	37.01
	19	37.11	36.97	37.04	37.06
	20	36.99	36.97	37.08	37.07
	21	37.06	37.04	37.01	37.04
	22	37.15	37.11	37.06	37.03
	23	37.11	37.05	37.06	37.02
	24	37.15	37.05	37.11	37.07
	25	37.09	36.99	36.98	37.01
	26	37.08	36.98	37.04	37.04
	27	37.01	36.92	36.94	36.98
	28	37.15	37.18	37.09	37.07
	29	37.13	37.02	37.09	37.12
	30	37.00	36.97	36.98	36.96
	31	37.00	36.92	36.96	36.95
Total MIMO Max Power (mW)		81578.51	80304.86	80616.06	80590.36
Total MIMO Max Power (dBm)		49.12	49.05	49.06	49.06

Table 10-2. Conducted Average Output Power Table (PCS_NR_1C_10M)

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	38.87	38.83	38.77	38.84
	17	38.86	38.90	38.83	38.85
	18	38.97	38.90	38.79	38.86
	19	38.76	38.78	38.69	38.78
	20	38.86	38.90	38.81	38.85
	21	38.82	38.84	38.85	38.82
	22	38.80	38.86	38.75	38.86
	23	38.88	38.94	38.88	38.90
	24	38.80	38.85	38.77	38.78
	25	38.78	38.85	38.75	38.79
	26	38.88	38.84	38.84	38.86
	27	38.77	38.81	38.75	38.76
	28	38.82	38.88	38.83	38.83
	29	38.85	38.87	38.75	38.80
	30	38.82	38.86	38.81	38.79
	31	38.72	38.71	38.70	38.75
Total MIMO Max Power (mW)		122189.42	122822.06	120979.99	121938.18
Total MIMO Max Power (dBm)		50.87	50.89	50.83	50.86
Mid	16	38.77	38.72	38.68	38.80
	17	38.81	38.80	38.68	38.84
	18	38.94	38.90	38.87	38.95
	19	38.83	38.76	38.69	38.82
	20	38.80	38.69	38.70	38.81
	21	38.81	38.81	38.73	38.91
	22	38.90	38.87	38.80	38.85
	23	38.86	38.81	38.74	38.93
	24	38.82	38.75	38.78	38.87
	25	38.80	38.62	38.60	38.73
	26	38.89	38.79	38.73	38.78
	27	38.72	38.72	38.69	38.75
	28	38.86	38.82	38.79	38.85
	29	38.80	38.84	38.73	38.86
	30	38.76	38.71	38.64	38.71
	31	38.66	38.70	38.59	38.65
Total MIMO Max Power (mW)		121789.24	120535.85	119035.96	121935.15
Total MIMO Max Power (dBm)		50.86	50.81	50.76	50.86

High	16	38.80	38.76	38.78	38.78
	17	38.89	38.79	38.69	38.81
	18	38.90	38.94	38.80	38.91
	19	38.85	38.79	38.67	38.75
	20	38.89	38.82	38.72	38.85
	21	38.86	38.86	38.73	38.82
	22	38.91	38.90	38.82	38.88
	23	38.87	38.84	38.80	38.86
	24	38.95	38.94	38.83	38.91
	25	38.89	38.82	38.69	38.84
	26	38.87	38.89	38.70	38.83
	27	38.77	38.78	38.72	38.79
	28	38.96	38.87	38.88	38.93
	29	38.91	38.86	38.82	38.89
	30	38.76	38.70	38.74	38.72
	31	38.84	38.77	38.71	38.86
Total MIMO Max Power (mW)		123354.39	122315.34	120167.51	122488.55
Total MIMO Max Power (dBm)		50.91	50.87	50.80	50.88

Table 10-3. Conducted Average Output Power Table (PCS_NR_1C_15M)

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	40.06	39.89	39.92	39.98
	17	40.15	39.98	40.02	40.03
	18	40.18	39.90	40.02	40.01
	19	39.99	39.93	39.96	39.88
	20	40.06	39.95	40.03	39.96
	21	40.12	39.90	39.99	40.06
	22	40.08	39.93	40.02	40.00
	23	40.11	40.00	40.10	40.09
	24	40.02	39.90	40.04	39.98
	25	39.97	39.84	39.92	39.97
	26	40.15	40.00	40.00	40.01
	27	40.03	39.96	39.98	39.94
	28	40.10	40.07	40.02	40.04
	29	40.07	39.93	39.96	39.96
	30	39.99	39.97	39.96	39.99
	31	39.92	39.86	39.91	39.91
Total MIMO Max Power (mW)		162340.37	157749.97	159665.28	159574.53
Total MIMO Max Power (dBm)		52.10	51.98	52.03	52.03
Mid	16	39.90	39.81	39.91	39.83
	17	40.01	39.94	39.95	39.98
	18	40.03	40.00	40.06	40.08
	19	40.01	39.91	39.99	39.98
	20	39.99	39.91	40.00	39.89
	21	40.05	39.98	40.05	39.91
	22	40.12	40.03	40.09	40.06
	23	40.07	39.97	40.00	39.96
	24	40.03	39.91	40.01	39.99
	25	39.92	39.81	39.92	39.87
	26	40.04	39.92	40.06	39.93
	27	39.95	39.90	39.94	39.96
	28	40.04	39.97	40.05	39.98
	29	39.97	39.98	39.98	39.96
	30	39.92	39.81	39.89	39.95
	31	39.85	39.85	39.89	39.83
Total MIMO Max Power (mW)		159789.77	157053.42	159533.82	158096.93
Total MIMO Max Power (dBm)		52.04	51.96	52.03	51.99

High	16	39.95	39.92	39.91	39.86
	17	40.10	40.05	39.98	39.95
	18	40.16	40.02	40.08	40.00
	19	40.02	39.99	40.03	39.98
	20	40.04	39.95	40.02	40.04
	21	40.09	39.97	40.03	40.03
	22	40.14	40.13	40.14	40.05
	23	40.09	40.06	40.11	40.02
	24	40.15	40.07	40.15	40.12
	25	40.04	40.03	40.03	39.95
	26	40.07	39.99	40.04	39.96
	27	39.99	40.02	40.01	39.99
	28	40.08	40.09	40.09	40.06
	29	40.09	40.07	40.15	39.99
	30	39.95	39.97	40.03	39.87
	31	40.00	39.98	40.04	39.93
Total MIMO Max Power (mW)		162243.11	160728.16	161962.77	159558.50
Total MIMO Max Power (dBm)		52.10	52.06	52.09	52.03

Table 10-4. Conducted Average Output Power Table (PCS_NR_1C_20M)

Channel	Port #	Conducted Output Power (dBm)			
		QPSK	16QAM	64QAM	256QAM
Low	16	36.92	36.88	36.99	36.88
	17	36.99	36.88	36.99	36.94
	18	36.99	36.89	36.94	36.95
	19	36.85	36.76	36.84	36.82
	20	36.98	36.92	36.91	36.97
	21	36.94	36.92	37.02	36.94
	22	36.97	36.93	36.93	36.95
	23	36.99	36.92	37.01	36.96
	24	36.99	36.95	36.99	37.01
	25	36.87	36.86	36.88	36.91
	26	36.97	36.90	36.89	36.92
	27	36.80	36.80	36.89	36.83
	28	36.96	36.93	36.95	36.99
	29	36.96	36.92	37.00	36.92
	30	36.92	36.85	36.90	36.94
	31	36.86	36.85	36.83	36.84
Total MIMO Max Power (mW)		79005.69	78099.49	79005.95	78789.00
Total MIMO Max Power (dBm)		48.98	48.93	48.98	48.96
Mid	16	36.80	36.86	36.89	36.96
	17	36.87	36.82	36.82	36.99
	18	36.96	36.95	37.05	37.05
	19	36.88	36.77	36.85	36.89
	20	36.86	36.86	36.86	36.92
	21	36.86	36.89	36.92	36.93
	22	36.98	36.94	36.95	36.98
	23	36.93	36.87	36.90	36.93
	24	36.93	36.98	37.04	36.98
	25	36.78	36.76	36.84	36.85
	26	36.82	36.99	37.01	36.99
	27	36.85	36.80	36.88	36.82
	28	36.93	36.92	36.89	37.05
	29	36.89	36.89	36.92	36.93
	30	36.84	36.88	36.85	36.86
	31	36.80	36.72	36.83	36.80
Total MIMO Max Power (mW)		77899.25	77814.78	78487.78	78975.55
Total MIMO Max Power (dBm)		48.92	48.91	48.95	48.97

High	16	36.78	36.79	36.78	36.66
	17	36.89	36.77	36.86	36.77
	18	36.83	36.91	36.92	36.79
	19	36.91	36.81	36.80	36.76
	20	36.79	36.84	36.88	36.78
	21	36.85	36.92	36.89	36.75
	22	36.91	36.84	36.88	36.79
	23	36.90	36.92	36.91	36.93
	24	37.01	37.04	36.94	36.87
	25	37.01	36.90	36.92	36.83
	26	36.87	36.84	36.82	36.80
	27	36.91	36.85	36.80	36.80
	28	36.98	36.97	36.90	36.81
	29	37.02	36.94	36.92	36.91
	30	36.87	36.71	36.80	36.68
	31	36.85	36.85	36.86	36.78
Total MIMO Max Power (mW)		78352.92	77815.71	77785.63	76491.12
Total MIMO Max Power (dBm)		48.94	48.91	48.91	48.84

Table 10-5. Conducted Average Output Power Table (PCS_DSS_1C_10M_Ratio5:5)