

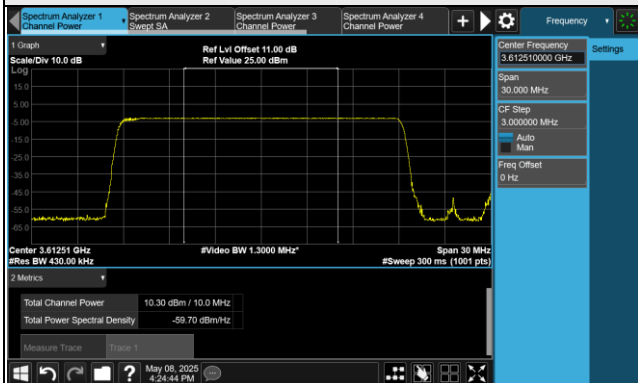
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

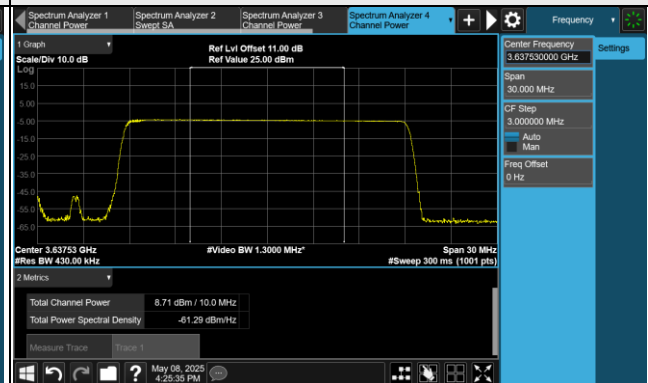
3612.51 MHz+ 3637.53 MHz

Ant.1

3612.51 MHz

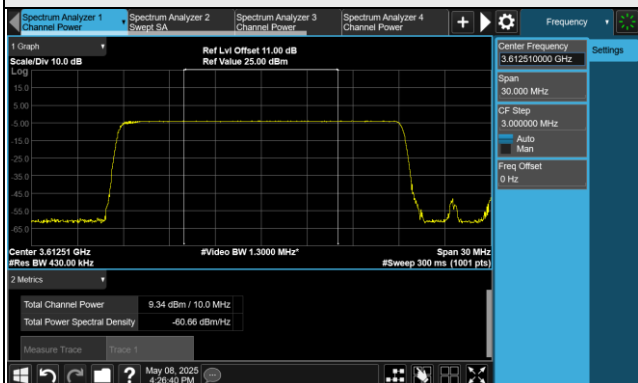


3637.53 MHz

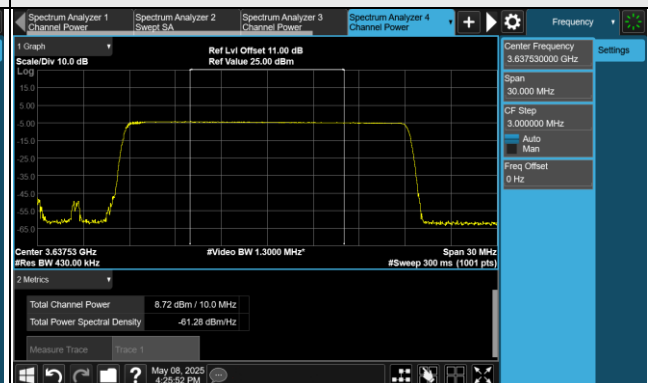


Ant.2

3612.51 MHz

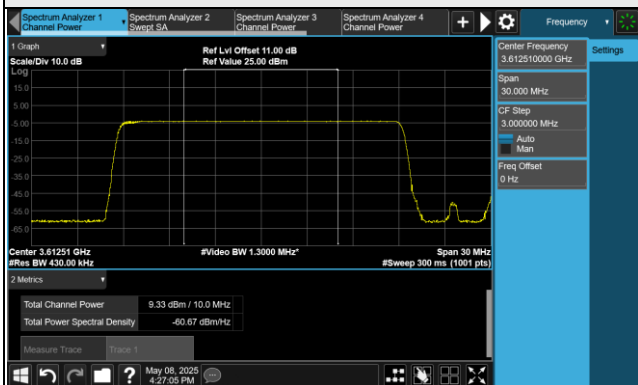


3637.53 MHz

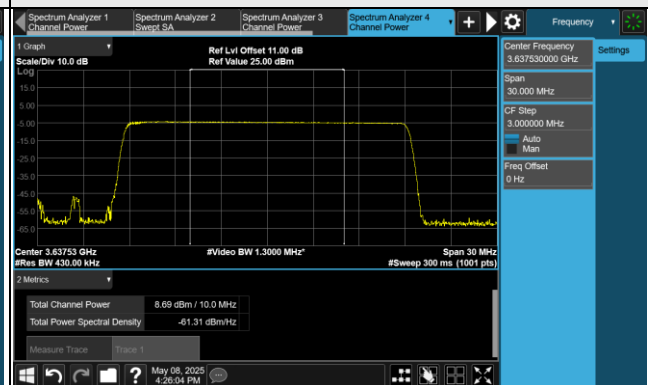


Ant.3

3612.51 MHz

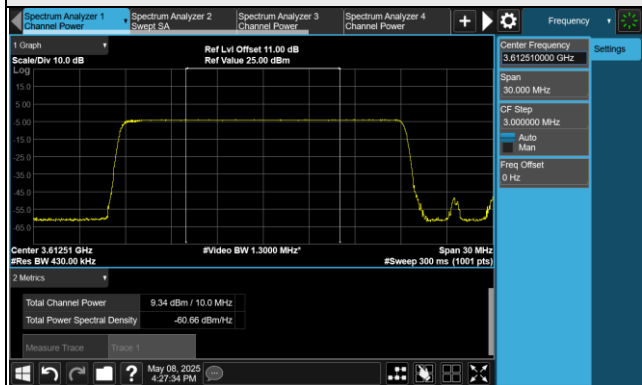


3637.53 MHz

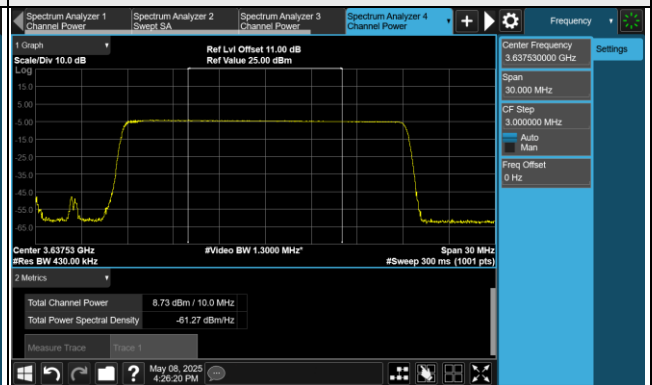


Ant.4

3612.51 MHz



3637.53 MHz



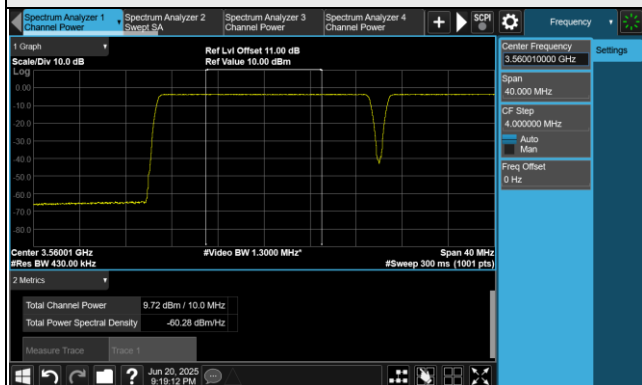
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

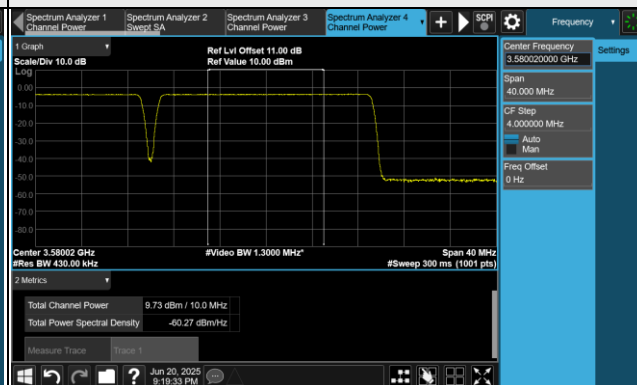
3560.01 MHz+3580.02 MHz

Ant.1

3560.01 MHz

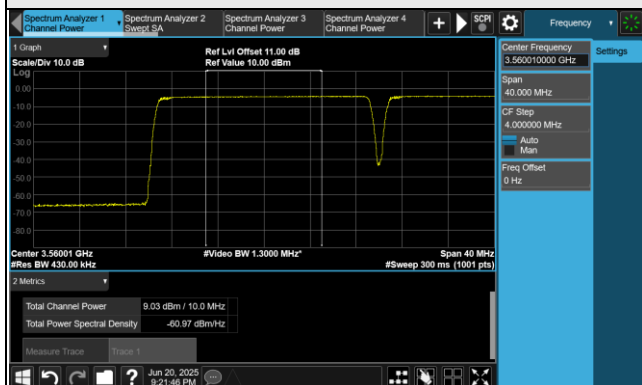


3580.02 MHz

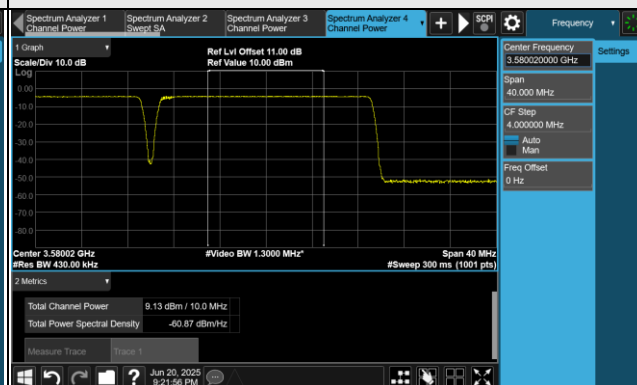


Ant.2

3560.01 MHz

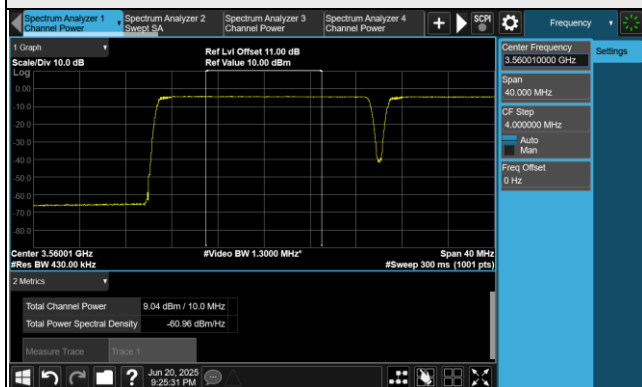


3580.02 MHz

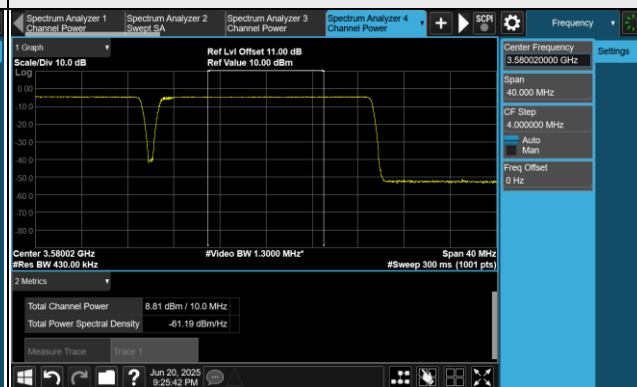


Ant.3

3560.01 MHz

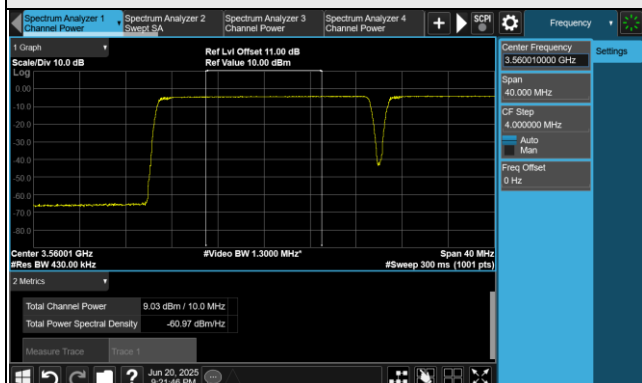


3580.02 MHz

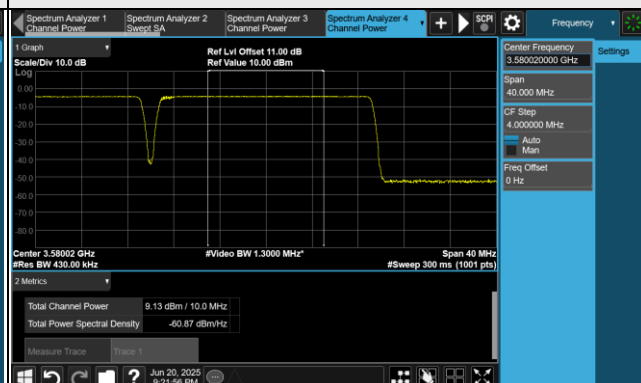


Ant.4

3560.01 MHz



3580.02 MHz



Full Conducted Output Power and Full EIRP Power (dBm/Channel Bandwidth)

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/Channel Bandwidth)	Verdict
				1	2	3	4			
10M+20M	3555+3690	QPSK	CC0	8.89	9.09	8.42	8.71	14.81	30.68	PASS
			CC1	11.83	12.16	11.56	11.91	17.89		
		64QAM	CC0	8.84	9.01	8.39	8.67	14.75	30.62	PASS
			CC1	11.79	12.13	11.51	11.84	17.84		
		256QAM	CC0	8.81	8.99	8.32	8.62	14.71	30.56	PASS
			CC1	11.75	12.06	11.46	11.79	17.79		
	3595.02+3660	QPSK	CC0	9.52	9.43	9.06	8.71	15.21	30.27	PASS
			CC1	10.79	11.07	10.94	11.16	17.01		
		64QAM	CC0	8.49	9.41	9.03	8.67	14.94	30.21	PASS
			CC1	10.74	11.01	10.89	11.09	16.96		
		256QAM	CC0	8.42	9.37	9.01	8.62	14.89	30.17	PASS
			CC1	10.71	10.98	10.84	11.04	16.91		
	3617.52+3637.53	QPSK	CC0	8.97	8.71	8.62	8.42	14.71	30.34	PASS
			CC1	11.31	11.49	11.32	11.45	17.41		
		64QAM	CC0	8.91	8.67	8.59	8.39	14.66	30.28	PASS
			CC1	11.27	11.43	11.29	11.41	17.37		
		256QAM	CC0	8.88	8.62	8.54	8.32	14.62	30.23	PASS
			CC1	11.21	11.39	11.21	11.38	17.32		
	3555+3570	QPSK	CC0	8.94	7.96	8.16	8.07	14.32	30.99	PASS
			CC1	12.28	11.56	11.28	11.37	17.66		
		64QAM	CC0	8.91	7.92	8.11	8.03	14.28	30.94	PASS
			CC1	12.24	11.51	11.24	11.31	17.61		
		256QAM	CC0	8.85	7.87	8.09	7.94	14.23	30.89	PASS
			CC1	12.19	11.46	11.19	11.24	17.56		
	3675+3690	QPSK	CC0	8.9	7.92	8.11	8.03	14.28	30.94	PASS
			CC1	12.21	11.49	11.24	11.3	17.60		
		64QAM	CC0	8.85	7.88	8.09	8.01	14.25	30.89	PASS
			CC1	12.19	11.41	11.21	11.25	17.55		
		256QAM	CC0	8.82	7.84	8.04	7.93	14.20	30.83	PASS
			CC1	12.13	11.37	11.16	11.12	17.49		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/ Channel Bandwidth)	Verdict
				1	2	3	4			
20M+10M	3560.01+ 3694.98	QPSK	CC0	12.31	12.59	12.17	11.79	18.25	30.76	PASS
			CC1	7.33	7.79	7.62	7.84	13.67		
		64QAM	CC0	12.26	12.47	12.13	11.73	18.18	30.70	PASS
			CC1	7.31	7.74	7.59	7.79	13.63		
		256QAM	CC0	12.21	12.41	12.09	11.65	18.12	30.65	PASS
			CC1	7.27	7.71	7.54	7.75	13.59		
	3590.01+ 3655.02	QPSK	CC0	12.27	12.47	12.01	11.71	18.14	30.67	PASS
			CC1	7.2	7.71	7.57	7.71	13.57		
		64QAM	CC0	12.21	12.43	11.98	11.65	18.10	30.62	PASS
			CC1	7.14	7.69	7.54	7.69	13.54		
		256QAM	CC0	12.15	12.35	11.91	11.59	18.03	30.56	PASS
			CC1	7.12	7.62	7.51	7.62	13.49		
	3612.51+ 3632.52	QPSK	CC0	12.17	12.15	11.91	11.92	18.06	30.84	PASS
			CC1	8.33	8.54	8.12	8.51	14.40		
		64QAM	CC0	12.14	12.11	11.84	11.78	17.99	30.78	PASS
			CC1	8.27	8.51	8.09	8.49	14.36		
		256QAM	CC0	12.07	12.01	11.81	11.71	17.92	30.71	PASS
			CC1	8.21	8.49	8.04	8.41	14.31		
	3560.01+ 3575.01	QPSK	CC0	12.29	11.49	11.59	11.21	17.68	30.58	PASS
			CC1	9.08	8.4	8.16	7.79	14.40		
		64QAM	CC0	12.21	11.43	11.54	11.17	17.63	30.52	PASS
			CC1	9.04	8.36	8.13	7.74	14.36		
		256QAM	CC0	12.16	11.36	11.42	11.11	17.55	30.46	PASS
			CC1	8.99	8.32	8.09	7.71	14.32		
	3679.98+ 3694.98	QPSK	CC0	12.21	11.42	11.51	11.19	17.62	30.51	PASS
			CC1	8.98	8.31	8.14	7.72	14.33		
		64QAM	CC0	12.19	11.36	11.42	11.11	17.56	30.46	PASS
			CC1	8.94	8.29	8.07	7.69	14.29		
		256QAM	CC0	12.13	11.31	11.36	11.04	17.50	30.40	PASS
			CC1	8.89	8.24	8.03	7.62	14.24		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/Channel Bandwidth)	Verdict
				1	2	3	4			
20M+20M	3560.01+3690	QPSK	CC0	12.14	12.45	11.81	11.39	17.99	31.87	PASS
			CC1	11.43	11.61	11.12	10.75	17.26		
		64QAM	CC0	12.08	12.43	11.79	11.31	17.94	31.82	PASS
			CC1	11.39	11.54	11.06	10.72	17.21		
		256QAM	CC0	12.04	12.41	11.71	11.29	17.90	31.77	PASS
			CC1	11.31	11.49	11.03	10.62	17.15		
	3595.02+3655.02	QPSK	CC0	12.31	12.29	12.03	11.72	18.11	31.68	PASS
			CC1	10.33	10.76	10.66	10.79	16.66		
		64QAM	CC0	12.27	12.24	11.97	11.62	18.05	31.62	PASS
			CC1	10.31	10.71	10.59	10.72	16.61		
		256QAM	CC0	12.24	12.15	11.94	11.59	18.01	31.57	PASS
			CC1	10.24	10.68	10.51	10.69	16.55		
	3612.51+3637.53	QPSK	CC0	12.33	11.85	12.37	11.88	18.13	32.03	PASS
			CC1	11.75	11.31	11.29	11.3	17.44		
		64QAM	CC0	12.31	11.76	12.26	11.71	18.04	31.95	PASS
			CC1	11.72	11.25	11.21	11.21	17.37		
		256QAM	CC0	12.26	11.62	12.19	11.62	17.95	31.87	PASS
			CC1	11.65	11.19	11.09	11.14	17.29		
	3560.01+3580.02	QPSK	CC0	12.35	11.6	11.6	11.5	17.80	31.99	PASS
			CC1	12.36	11.73	11.36	11.23	17.71		
		64QAM	CC0	12.29	11.54	11.55	11.47	17.75	31.93	PASS
			CC1	12.31	11.67	11.32	11.16	17.66		
		256QAM	CC0	12.24	11.51	11.53	11.42	17.71	31.90	PASS
			CC1	12.27	11.62	11.29	11.13	17.62		
	3670.02+3690	QPSK	CC0	12.31	11.51	11.54	11.43	17.73	31.91	PASS
			CC1	12.29	11.67	11.21	11.19	17.63		
		64QAM	CC0	12.27	11.43	11.47	11.36	17.67	31.86	PASS
			CC1	12.24	11.58	11.19	11.13	17.58		
		256QAM	CC0	12.23	11.41	11.42	11.31	17.63	31.81	PASS
			CC1	12.19	11.54	11.13	11.11	17.54		

Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 11.22\text{dBi}$
2. EIRP (dBm/Channel Bandwidth) = Total Conducted Output Power (dBm/Channel Bandwidth) + Directional Gain

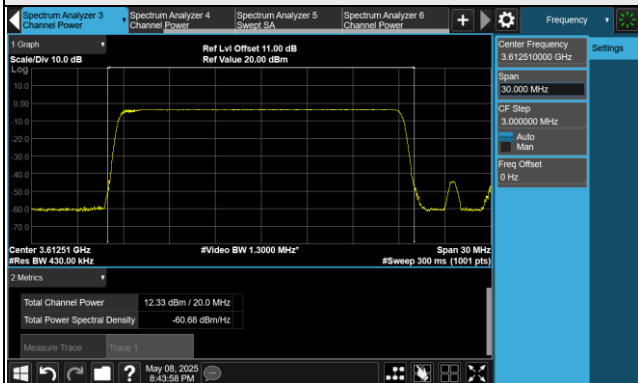
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

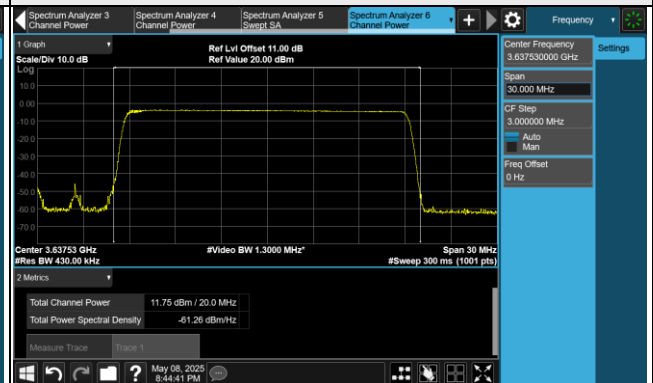
3612.51 MHz+3637.53 MHz

Ant.1

3612.51 MHz

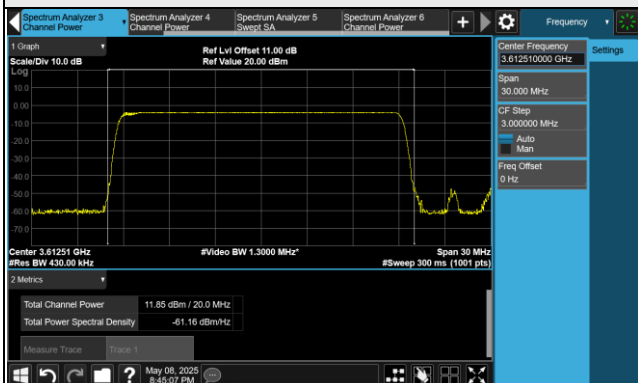


3637.53 MHz

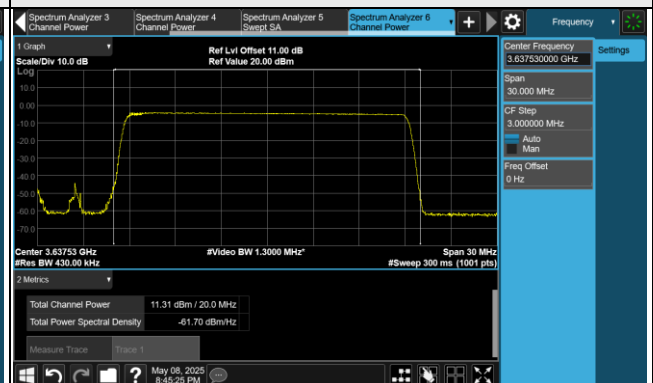


Ant.2

3612.51 MHz

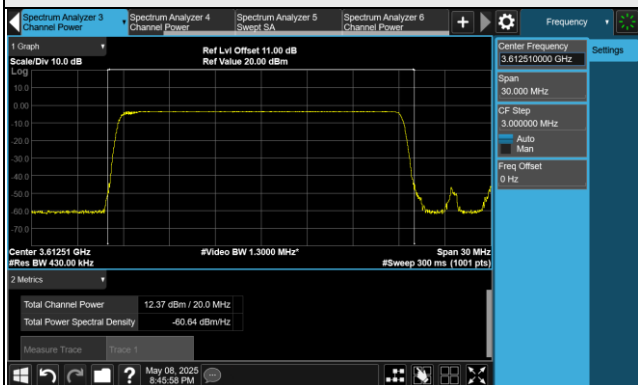


3637.53 MHz

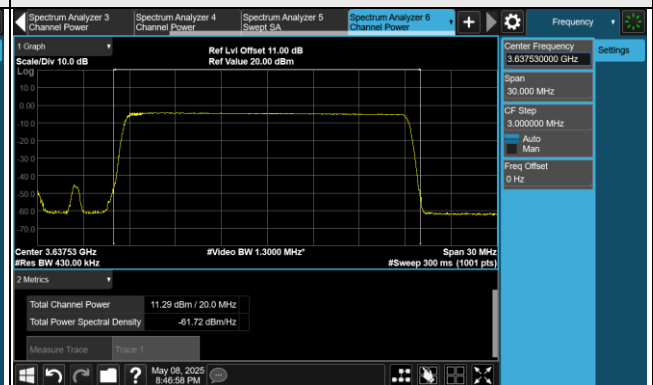


Ant.3

3612.51 MHz

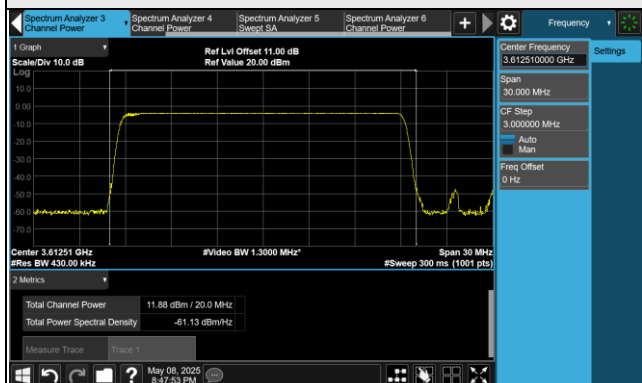


3637.53 MHz

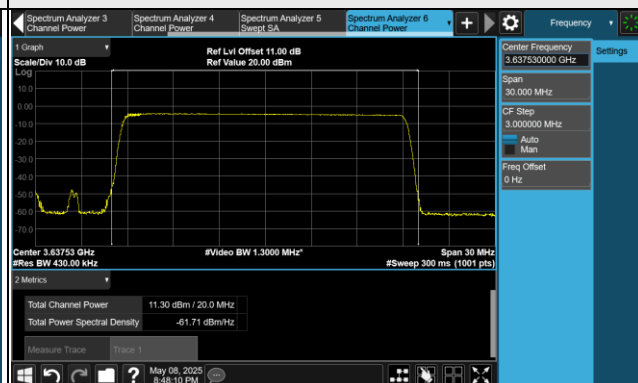


Ant.4

3612.51 MHz



3637.53 MHz



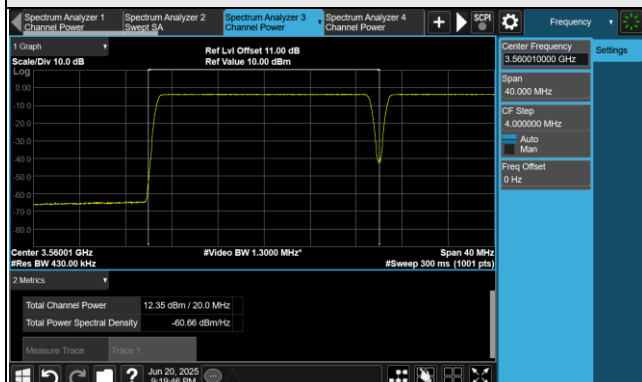
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

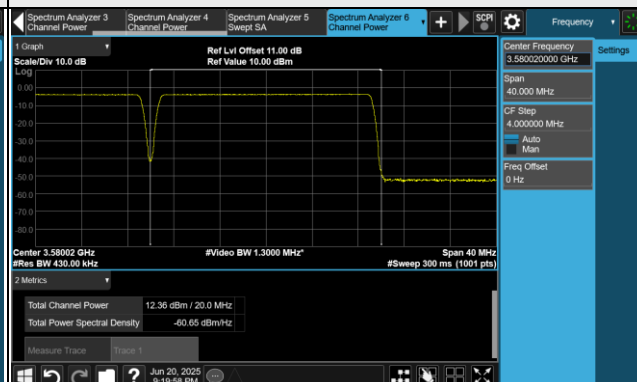
3560.01 MHz+3580.02 MHz

Ant.1

3560.01 MHz

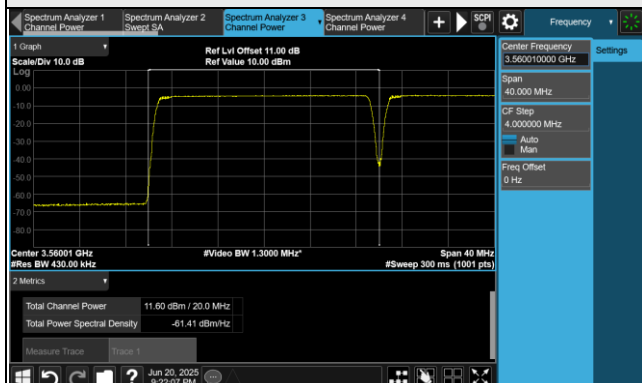


3580.02 MHz

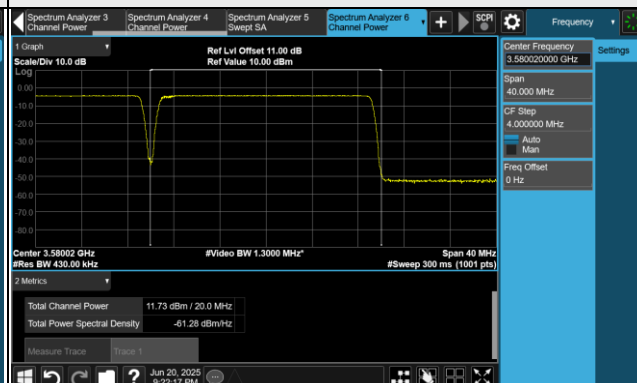


Ant.2

3560.01 MHz

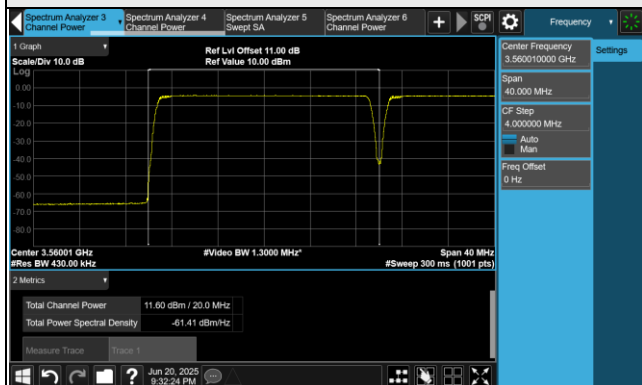


3580.02 MHz

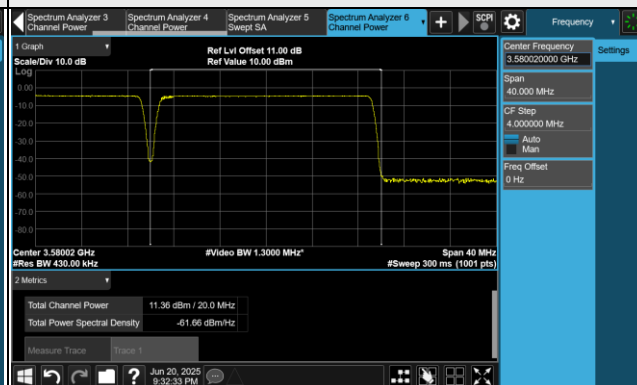


Ant.3

3560.01 MHz

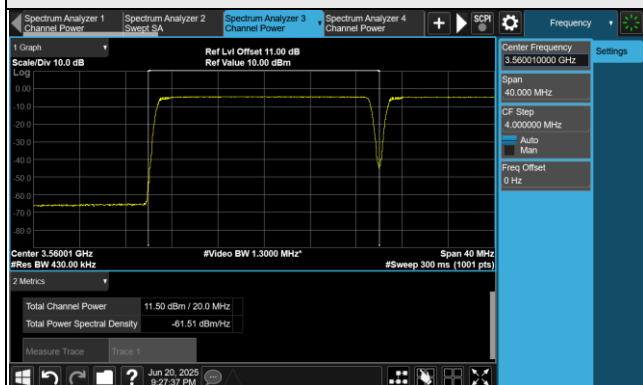


3580.02 MHz

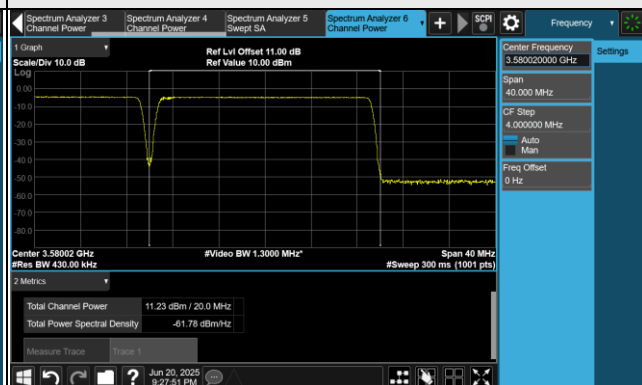


Ant.4

3560.01 MHz



3580.02 MHz



Mode D1

Conducted Output Power and EIRP Power (dBm/10MHz)

Bandwidth	Frequency (MHz)	Modulation	Antenna				Total	EIRP (dBm/10MHz)	Verdict
			1	2	3	4			
10M	3555	QPSK	8.73	9.09	8.52	8.5	14.74	28.46	PASS
		64QAM	8.69	9.04	8.49	8.44	14.69	28.41	PASS
		256QAM	8.61	8.99	8.41	8.37	14.62	28.34	PASS
	3624.99	QPSK	8.89	8.87	8.7	8.8	14.84	28.56	PASS
		64QAM	8.81	8.84	8.65	8.74	14.78	28.50	PASS
		256QAM	8.76	8.75	8.61	8.71	14.73	28.45	PASS
	3694.98	QPSK	8.65	8.62	8.38	8.71	14.61	28.33	PASS
		64QAM	8.61	8.59	8.32	8.65	14.57	28.29	PASS
		256QAM	8.56	8.54	8.29	8.61	14.52	28.24	PASS
20M	3560.01	QPSK	9.77	10.04	9.49	9.68	15.77	29.49	PASS
		64QAM	9.72	10.01	9.42	9.62	15.72	29.44	PASS
		256QAM	9.69	9.99	9.37	9.57	15.68	29.40	PASS
	3624.99	QPSK	10.1	9.87	9.63	10.01	15.93	29.65	PASS
		64QAM	9.92	9.84	9.51	9.93	15.82	29.54	PASS
		256QAM	9.84	9.76	9.46	9.91	15.77	29.49	PASS
	3690	QPSK	9.83	9.82	9.71	9.78	15.81	29.53	PASS
		64QAM	9.81	9.75	9.66	9.72	15.76	29.48	PASS
		256QAM	9.76	9.69	9.61	9.67	15.70	29.42	PASS
40M	3570	QPSK	9.64	9.84	9.43	9.32	15.58	29.30	PASS
		64QAM	9.62	9.8	9.41	9.29	15.56	29.28	PASS
		256QAM	9.57	9.75	9.36	9.27	15.51	29.23	PASS
	3624.99	QPSK	9.28	9.34	9.32	9.44	15.37	29.09	PASS
		64QAM	9.24	9.31	9.27	9.42	15.33	29.05	PASS
		256QAM	9.21	9.29	9.21	9.35	15.29	29.01	PASS
	3679.98	QPSK	9.33	9.12	9.27	9.43	15.31	29.03	PASS
		64QAM	9.27	9.07	9.24	9.36	15.26	28.98	PASS
		256QAM	9.24	9.03	9.21	9.31	15.22	28.94	PASS

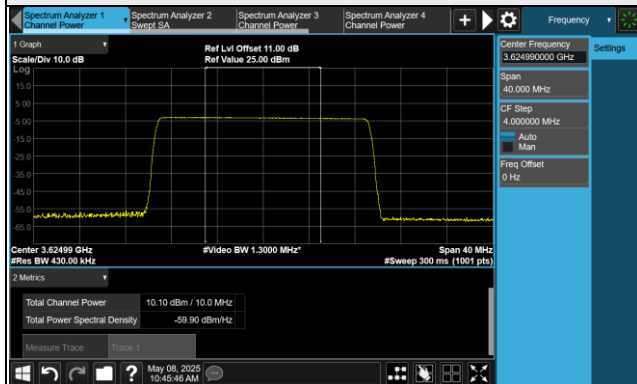
Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 13.72\text{dBi}$
2. EIRP (dBm/10MHz) = Total Conducted Output Power (dBm/10MHz) + Directional Gain

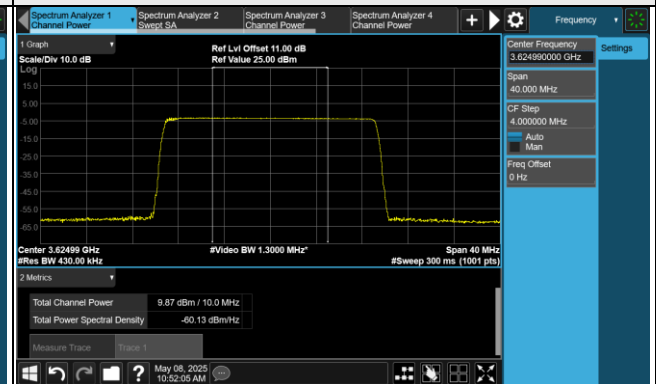
Spectrum Plot of Worst Value

20MHz / QPSK

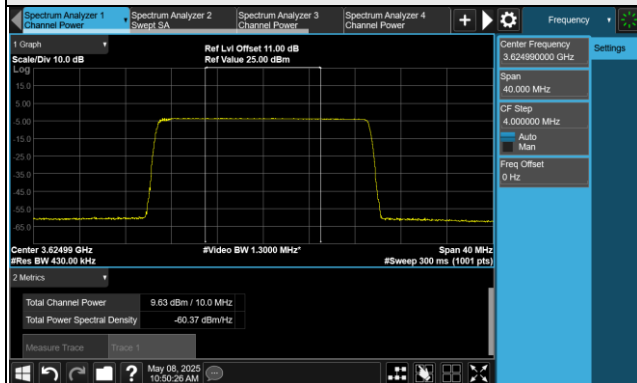
Ant.1



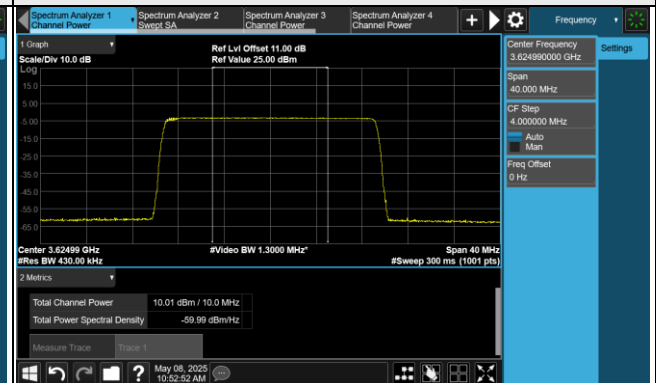
Ant.2



Ant.3



Ant.4



Full Conducted Output Power and Full EIRP Power (dBm/Channel Bandwidth)

Bandwidth	Frequency (MHz)	Modulation	Antenna				Total	EIRP (dBm/Channel Bandwidth)	Verdict
			1	2	3	4			
10M	3555	QPSK	8.73	9.09	8.52	8.50	14.74	28.46	PASS
		64QAM	8.69	9.04	8.49	8.44	14.69	28.41	PASS
		256QAM	8.61	8.99	8.41	8.37	14.62	28.34	PASS
	3624.99	QPSK	8.89	8.87	8.70	8.80	14.84	28.56	PASS
		64QAM	8.81	8.84	8.65	8.74	14.78	28.50	PASS
		256QAM	8.76	8.75	8.61	8.71	14.73	28.45	PASS
	3694.98	QPSK	8.65	8.62	8.38	8.71	14.61	28.33	PASS
		64QAM	8.61	8.59	8.32	8.65	14.57	28.29	PASS
		256QAM	8.56	8.54	8.29	8.61	14.52	28.24	PASS
20M	3560.01	QPSK	12.43	12.60	12.07	12.25	18.36	32.08	PASS
		64QAM	12.36	12.55	12.01	12.21	18.31	32.03	PASS
		256QAM	12.31	12.52	11.99	12.14	18.27	31.99	PASS
	3624.99	QPSK	12.61	12.44	12.16	12.37	18.42	32.14	PASS
		64QAM	12.57	12.42	12.11	12.33	18.38	32.10	PASS
		256QAM	12.51	12.36	12.06	12.24	18.32	32.04	PASS
	3690	QPSK	12.31	12.33	12.16	12.39	18.32	32.04	PASS
		64QAM	12.19	12.27	12.11	12.32	18.24	31.96	PASS
		256QAM	12.14	12.21	12.09	12.27	18.20	31.92	PASS
40M	3570	QPSK	15.31	15.16	15.24	15.01	21.20	34.92	PASS
		64QAM	15.29	15.14	15.17	14.95	21.16	34.88	PASS
		256QAM	15.24	15.11	15.13	14.91	21.12	34.84	PASS
	3624.99	QPSK	14.93	14.96	14.95	14.88	20.95	34.67	PASS
		64QAM	14.89	14.92	14.91	14.82	20.91	34.63	PASS
		256QAM	14.73	14.85	14.88	14.75	20.82	34.54	PASS
	3679.98	QPSK	14.99	14.82	15.03	14.95	20.97	34.69	PASS
		64QAM	14.97	14.76	14.98	14.91	20.93	34.65	PASS
		256QAM	14.85	14.72	14.91	14.85	20.85	34.57	PASS

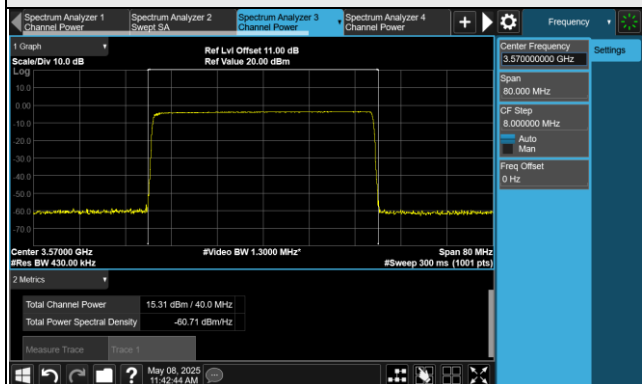
Note:

1. Correlated Directional gain = $10 \log[10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 13.72\text{dBi}$
2. EIRP (dBm/Channel Bandwidth) = Total Conducted Output Power (dBm/Channel Bandwidth) + Directional Gain

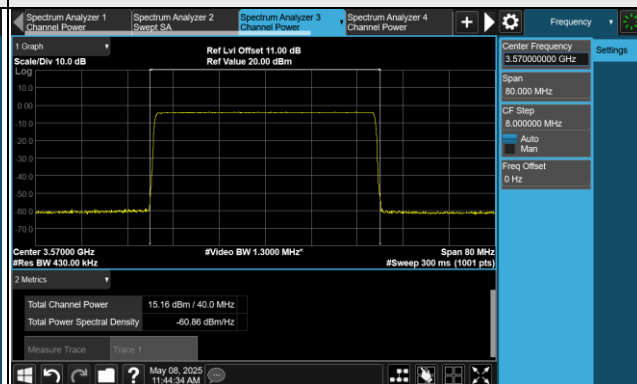
Spectrum Plot of Worst Value

40MHz / QPSK

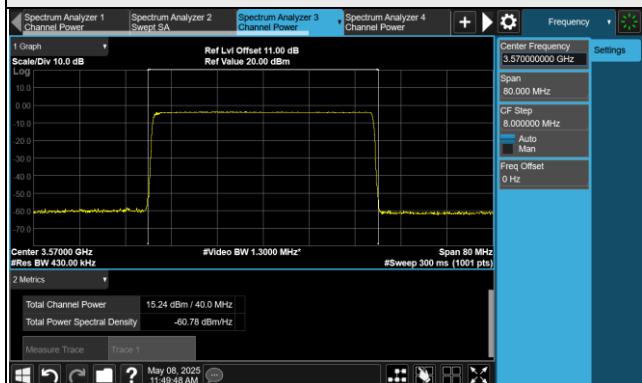
Ant.1



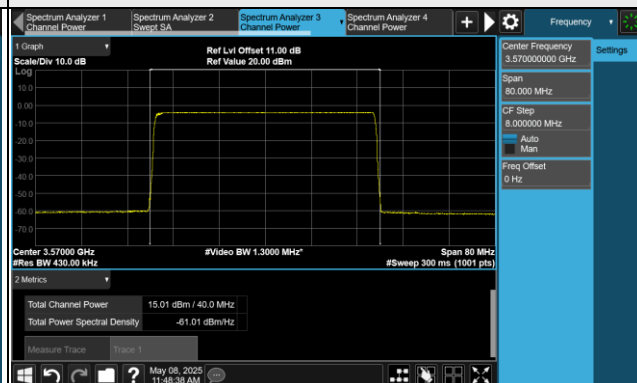
Ant.2



Ant.3



Ant.4



Mode D2 / D3

Conducted Output Power and EIRP Power (dBm/10MHz)

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/10MHz)	Verdict
				1	2	3	4			
10M+20M	3555+3690	QPSK	CC0	6.21	6.32	5.84	6	12.12	28.98	PASS
			CC1	6.4	6.54	6.13	6.37	12.38		
		64QAM	CC0	6.19	6.29	5.81	5.97	12.09	28.95	PASS
			CC1	6.35	6.51	6.11	6.32	12.35		
		256QAM	CC0	6.14	6.24	5.79	5.94	12.05	28.92	PASS
			CC1	6.32	6.49	6.09	6.29	12.32		
	3595.02+3660	QPSK	CC0	7.03	6.93	6.59	6.18	12.72	29.04	PASS
			CC1	5.64	5.87	5.82	6.01	11.86		
		64QAM	CC0	6.98	6.91	6.54	6.14	12.68	29.00	PASS
			CC1	5.61	5.84	5.79	5.98	11.83		
		256QAM	CC0	6.94	6.88	6.51	6.11	12.64	28.97	PASS
			CC1	5.59	5.81	5.75	5.94	11.79		
	3617.52+3637.53	QPSK	CC0	6.36	6.18	6.2	5.96	12.20	28.95	PASS
			CC1	6.41	6.22	6.25	6	12.24		
		64QAM	CC0	6.32	6.14	6.14	5.94	12.16	28.91	PASS
			CC1	6.36	6.19	6.21	5.92	12.19		
		256QAM	CC0	6.29	6.11	6.11	5.91	12.13	28.87	PASS
			CC1	6.31	6.14	6.17	5.89	12.15		
	3555+3570	QPSK	CC0	6.26	5.75	5.79	5.57	11.87	28.99	PASS
			CC1	6.95	6.78	6.36	6.25	12.62		
		64QAM	CC0	6.24	5.73	5.74	5.51	11.83	28.95	PASS
			CC1	6.91	6.72	6.31	6.22	12.57		
		256QAM	CC0	6.21	5.71	5.71	5.47	11.80	28.92	PASS
			CC1	6.88	6.69	6.29	6.19	12.54		
	3675+3690	QPSK	CC0	6.21	5.71	5.74	5.52	11.82	28.95	PASS
			CC1	6.91	6.74	6.31	6.21	12.57		
		64QAM	CC0	6.19	5.69	5.69	5.47	11.79	28.91	PASS
			CC1	6.88	6.71	6.27	6.19	12.54		
		256QAM	CC0	6.14	5.64	5.61	5.42	11.73	28.86	PASS
			CC1	6.86	6.64	6.21	6.14	12.49		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/10MHz)	Verdict
				1	2	3	4			
20M+10M	3560.01+3694.98	QPSK	CC0	6.73	7.02	6.71	6.61	12.79	28.79	PASS
			CC1	5.17	5.47	5.02	4.98	11.18		
		64QAM	CC0	5.66	6.98	6.66	6.59	12.52	28.62	PASS
			CC1	5.12	5.42	4.98	4.94	11.14		
		256QAM	CC0	5.61	6.94	6.64	6.51	12.47	28.57	PASS
			CC1	5.07	5.39	4.91	4.92	11.10		
	3590.01+3655.02	QPSK	CC0	6.56	6.73	6.54	6.2	12.53	28.77	PASS
			CC1	5.05	5.5	5.52	5.71	11.47		
		64QAM	CC0	6.52	6.67	6.51	6.13	12.48	28.72	PASS
			CC1	4.97	5.49	5.47	5.66	11.43		
		256QAM	CC0	6.47	6.62	6.44	6.09	12.43	28.66	PASS
			CC1	4.92	5.41	5.42	5.61	11.37		
	3612.51+3632.52	QPSK	CC0	6.51	6.66	6.42	6.13	12.45	28.72	PASS
			CC1	5.04	5.73	5.41	5.62	11.48		
		64QAM	CC0	6.49	6.61	6.37	6.07	12.41	28.68	PASS
			CC1	5.01	5.71	5.33	5.59	11.44		
		256QAM	CC0	6.42	6.57	6.32	6.01	12.36	28.63	PASS
			CC1	4.97	5.64	5.27	5.54	11.38		
	3560.01+3575.01	QPSK	CC0	7	6.59	6.26	6.21	12.55	28.95	PASS
			CC1	6.43	6.07	5.44	5.38	11.87		
		64QAM	CC0	6.96	6.54	6.21	6.19	12.51	28.91	PASS
			CC1	6.41	6.02	5.42	5.31	11.83		
		256QAM	CC0	6.91	6.51	6.19	6.14	12.47	28.87	PASS
			CC1	6.33	5.97	5.39	5.27	11.78		
	3679.98+3694.98	QPSK	CC0	6.94	6.54	6.21	6.17	12.50	28.89	PASS
			CC1	6.41	6.03	5.22	5.36	11.80		
		64QAM	CC0	6.91	6.51	6.14	6.14	12.46	28.86	PASS
			CC1	6.33	5.99	5.32	5.32	11.78		
		256QAM	CC0	6.86	6.47	6.11	6.09	12.41	28.81	PASS
			CC1	6.27	5.95	5.27	5.21	11.72		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/10MHz)	Verdict
				1	2	3	4			
20M+20M	3560.01+3690	QPSK	CC0	6.99	7.32	6.64	7	13.01	29.43	PASS
			CC1	6.3	6.5	6.04	6.46	12.35		
		64QAM	CC0	6.91	7.27	6.59	6.95	12.96	29.38	PASS
			CC1	6.27	6.46	6.01	6.43	12.32		
		256QAM	CC0	6.88	7.24	6.54	6.91	12.92	29.34	PASS
			CC1	6.21	6.42	5.98	6.39	12.27		
	3595.02+3655.02	QPSK	CC0	7.12	7.18	6.93	7.13	13.11	29.51	PASS
			CC1	6.64	6.63	6.06	6.27	12.43		
		64QAM	CC0	7.09	7.14	6.89	7.09	13.07	29.47	PASS
			CC1	6.61	6.58	6.03	6.21	12.39		
		256QAM	CC0	7.03	7.11	6.81	7.01	13.01	29.42	PASS
			CC1	6.57	6.54	5.98	6.19	12.35		
	3612.51+3637.53	QPSK	CC0	7.05	6.96	6.94	6.72	12.94	29.33	PASS
			CC1	5.93	6.33	6.2	6.33	12.22		
		64QAM	CC0	7.04	6.91	6.91	6.69	12.91	29.29	PASS
			CC1	5.91	6.28	6.17	6.27	12.18		
		256QAM	CC0	7.01	6.89	6.89	6.64	12.88	29.26	PASS
			CC1	5.87	6.24	6.14	6.21	12.14		
	3560.01+3580.02	QPSK	CC0	6.91	6.86	6.74	6.64	12.81	29.27	PASS
			CC1	6.35	6.52	6.1	5.91	12.25		
		64QAM	CC0	6.89	6.81	6.71	6.61	12.78	29.23	PASS
			CC1	6.31	6.48	6.08	5.85	12.21		
		256QAM	CC0	6.87	6.76	6.66	6.54	12.73	29.18	PASS
			CC1	6.28	6.42	6.04	5.76	12.15		
	3670.02+3690	QPSK	CC0	6.89	6.84	6.72	6.59	12.78	29.23	PASS
			CC1	6.31	6.49	6.07	5.81	12.20		
		64QAM	CC0	6.84	6.81	6.67	6.51	12.73	29.17	PASS
			CC1	6.27	6.42	5.98	5.76	12.14		
		256QAM	CC0	6.81	6.76	6.62	6.44	12.68	29.13	PASS
			CC1	6.24	6.39	5.94	5.72	12.10		

Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 13.72\text{dBi}$
2. EIRP (dBm/10MHz) = Total Conducted Output Power (dBm/10MHz) + Directional Gain

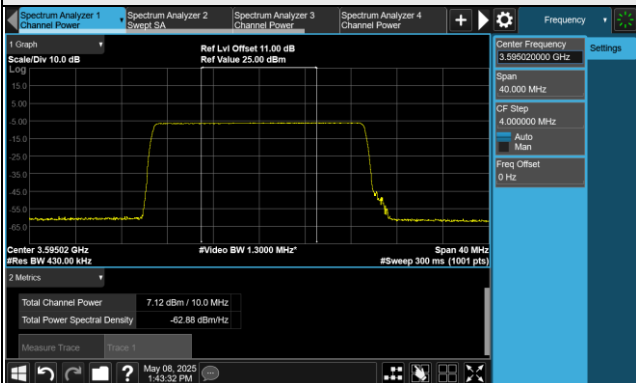
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

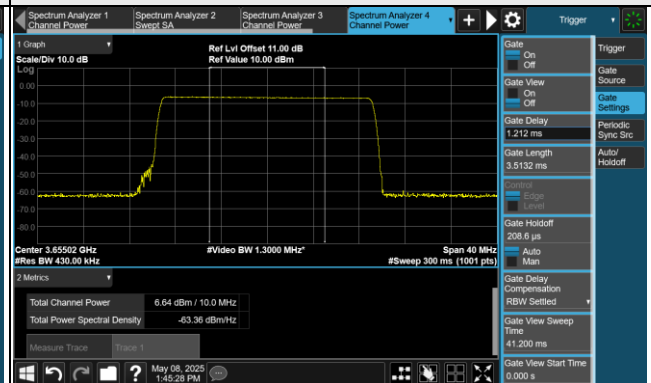
3595.02 MHz+ 3655.02 MHz

Ant.1

3595.02 MHz

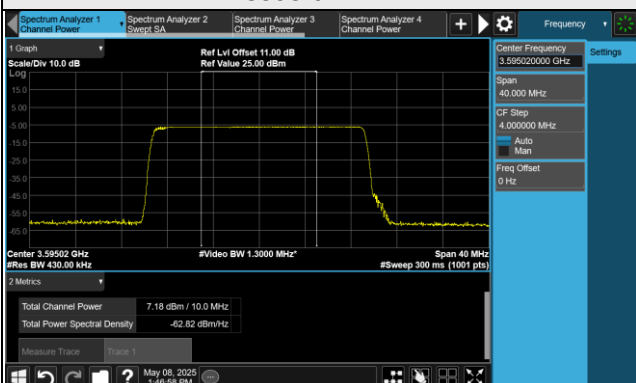


3655.02 MHz

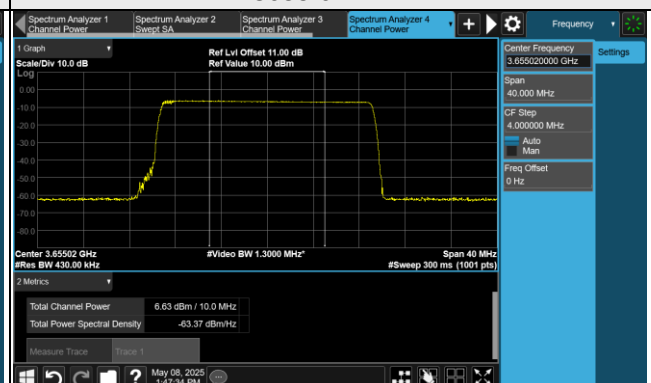


Ant.2

3595.02 MHz

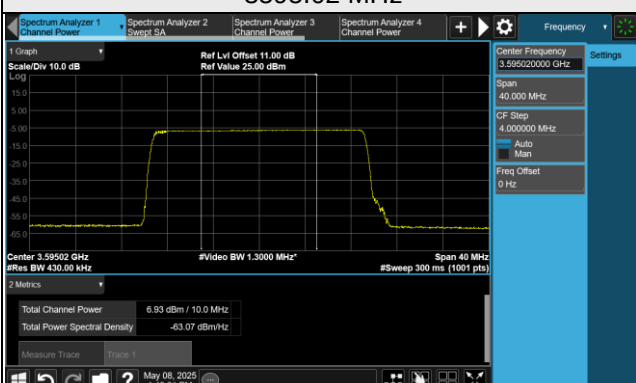


3655.02 MHz

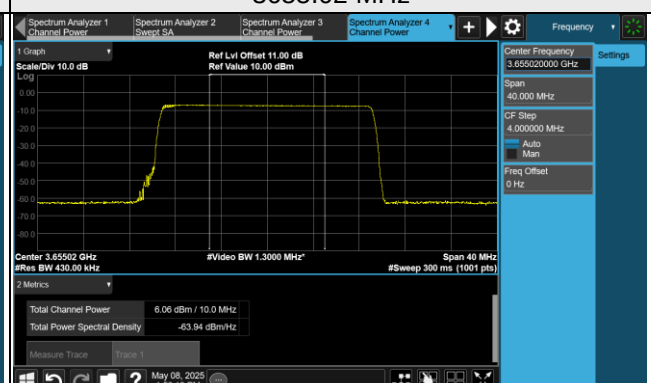


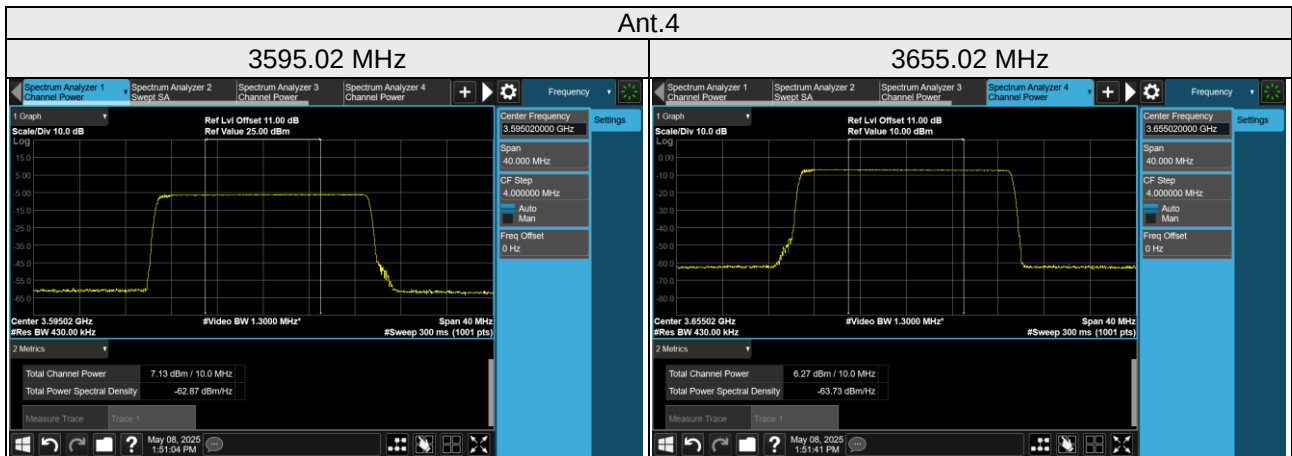
Ant.3

3595.02 MHz



3655.02 MHz





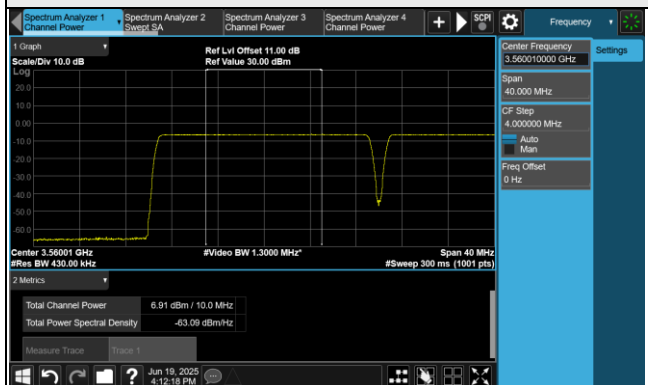
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

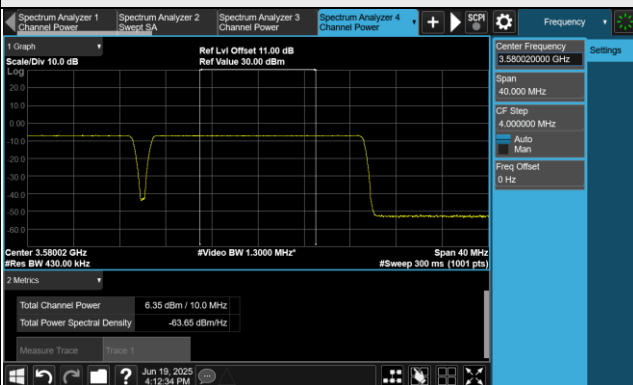
3560.01 MHz+3580.02 MHz

Ant.1

3560.01 MHz

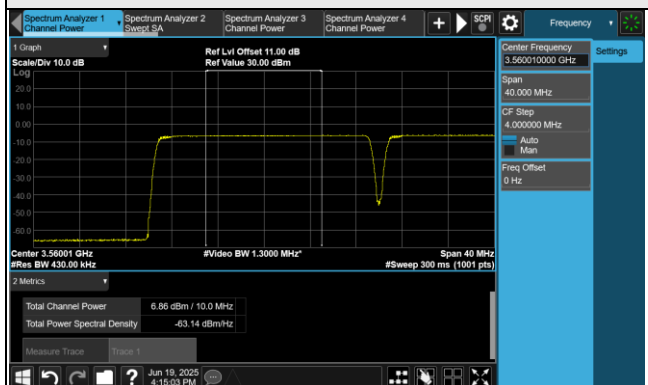


3580.02 MHz

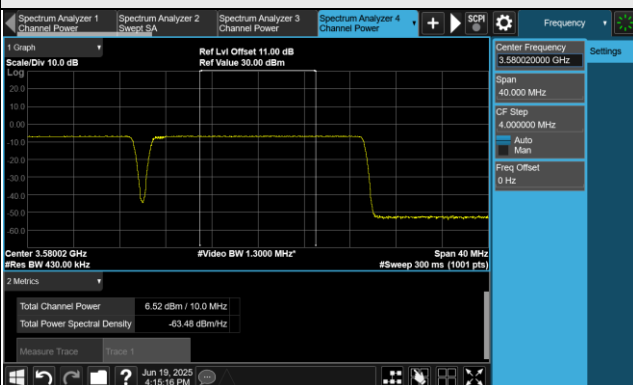


Ant.2

3560.01 MHz

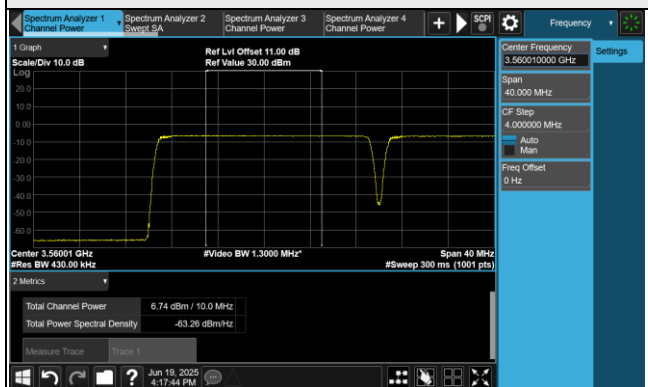


3580.02 MHz

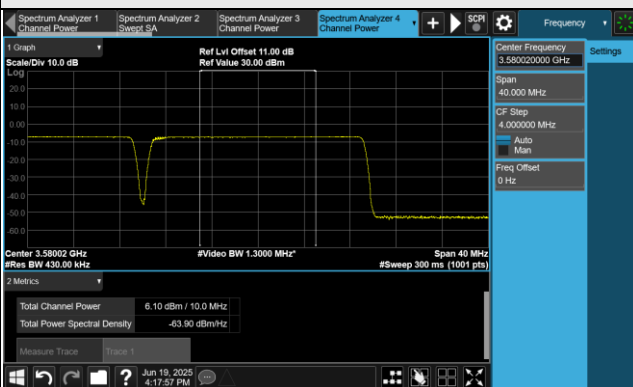


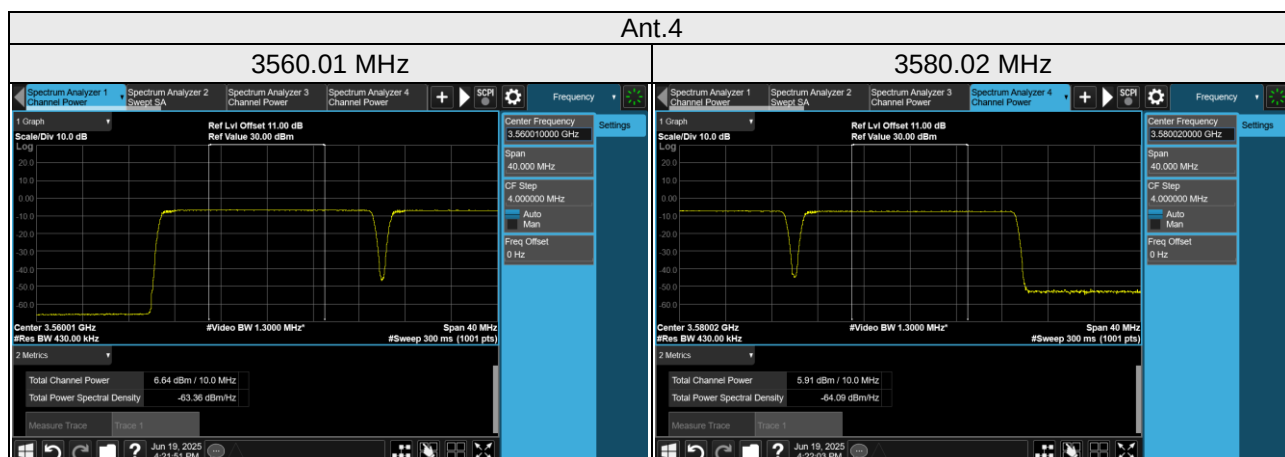
Ant.3

3560.01 MHz



3580.02 MHz





Full Conducted Output Power and Full EIRP Power (dBm/Channel Bandwidth)

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/Channel Bandwidth)	Verdict
				1	2	3	4			
10M+20M	3555+3690	QPSK	CC0	6.21	6.32	5.84	6	12.12	30.43	PASS
			CC1	8.86	9.06	8.58	8.84	14.86		
		64QAM	CC0	6.19	6.29	5.81	5.97	12.09	30.39	PASS
			CC1	8.81	9.03	8.51	8.78	14.81		
		256QAM	CC0	6.14	6.24	5.79	5.94	12.05	30.35	PASS
			CC1	8.78	8.98	8.46	8.76	14.77		
	3595.02+3660	QPSK	CC0	7.03	6.93	6.59	6.18	12.72	30.42	PASS
			CC1	8.31	8.51	8.45	8.6	14.49		
		64QAM	CC0	6.98	6.91	6.54	6.14	12.68	30.37	PASS
			CC1	8.27	8.47	8.36	8.51	14.42		
		256QAM	CC0	6.94	6.88	6.51	6.11	12.64	30.31	PASS
			CC1	8.21	8.36	8.29	8.46	14.35		
	3617.52+3637.53	QPSK	CC0	6.36	6.18	6.2	5.96	12.20	30.47	PASS
			CC1	8.69	8.92	8.84	8.94	14.87		
		64QAM	CC0	6.32	6.14	6.14	5.94	12.16	30.40	PASS
			CC1	8.61	8.84	8.78	8.84	14.79		
		256QAM	CC0	6.29	6.11	6.11	5.91	12.13	30.35	PASS
			CC1	8.59	8.76	8.72	8.77	14.73		
	3555+3570	QPSK	CC0	6.26	5.75	5.79	5.57	11.87	30.60	PASS
			CC1	9.58	9.38	8.98	8.85	15.23		
		64QAM	CC0	6.24	5.73	5.74	5.51	11.83	30.55	PASS
			CC1	9.54	9.31	8.92	8.81	15.18		
		256QAM	CC0	6.21	5.71	5.71	5.47	11.80	30.51	PASS
			CC1	9.51	9.29	8.87	8.76	15.14		
	3675+3690	QPSK	CC0	6.21	5.71	5.74	5.52	11.82	30.54	PASS
			CC1	9.51	9.31	8.92	8.83	15.17		
		64QAM	CC0	6.19	5.69	5.69	5.47	11.79	30.49	PASS
			CC1	9.46	9.25	8.84	8.76	15.11		
		256QAM	CC0	6.14	5.64	5.61	5.42	11.73	30.44	PASS
			CC1	9.41	9.21	8.81	8.72	15.07		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/ Channel Bandwidth)	Verdict
				1	2	3	4			
20M+10M	3560.01+ 3694.98	QPSK	CC0	9.31	9.59	9.24	9.18	15.35	30.48	PASS
			CC1	5.17	5.47	5.02	4.98	11.18		
		64QAM	CC0	9.27	9.54	9.21	9.14	15.31	30.44	PASS
			CC1	5.12	5.42	4.98	4.94	11.14		
		256QAM	CC0	9.21	9.51	9.19	9.11	15.28	30.40	PASS
			CC1	5.07	5.39	4.91	4.92	11.10		
	3590.01+ 3655.02	QPSK	CC0	9.25	9.34	9.14	9.15	15.24	30.48	PASS
			CC1	5.05	5.5	5.52	5.71	11.47		
		64QAM	CC0	9.21	9.29	9.11	9.13	15.21	30.45	PASS
			CC1	4.97	5.49	5.47	5.66	11.43		
		256QAM	CC0	9.17	9.21	9.06	9.11	15.16	30.40	PASS
			CC1	4.92	5.41	5.42	5.61	11.37		
	3612.51+ 3632.52	QPSK	CC0	9.21	9.54	9.24	8.93	15.26	30.50	PASS
			CC1	5.04	5.73	5.41	5.62	11.48		
		64QAM	CC0	9.19	9.51	9.21	8.89	15.23	30.46	PASS
			CC1	5.01	5.71	5.33	5.59	11.44		
		256QAM	CC0	9.14	9.47	9.15	8.84	15.18	30.41	PASS
			CC1	4.97	5.64	5.27	5.54	11.38		
	3560.01+ 3575.01	QPSK	CC0	9.61	9.17	8.85	8.81	15.14	30.54	PASS
			CC1	6.43	6.07	5.44	5.38	11.87		
		64QAM	CC0	9.59	9.12	8.75	8.78	15.09	30.49	PASS
			CC1	6.41	6.02	5.42	5.31	11.83		
		256QAM	CC0	9.54	9.08	8.72	8.74	15.05	30.45	PASS
			CC1	6.33	5.97	5.39	5.27	11.78		
	3679.98+ 3694.98	QPSK	CC0	9.59	9.14	8.81	8.75	15.11	30.49	PASS
			CC1	6.41	6.03	5.22	5.36	11.80		
		64QAM	CC0	9.54	9.12	8.76	8.71	15.07	30.46	PASS
			CC1	6.33	5.99	5.32	5.32	11.78		
		256QAM	CC0	9.51	9.08	8.79	8.67	15.05	30.42	PASS
			CC1	6.27	5.95	5.27	5.21	11.72		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/Channel Bandwidth)	Verdict
				1	2	3	4			
20M+20M	3560.01+3690	QPSK	CC0	9.57	9.89	9.23	9.58	15.59	31.97	PASS
			CC1	8.81	9.03	8.53	8.95	14.85		
		64QAM	CC0	9.54	9.84	9.21	9.54	15.56	31.94	PASS
			CC1	8.79	8.99	8.49	8.91	14.82		
		256QAM	CC0	9.51	9.81	9.16	9.51	15.52	31.89	PASS
			CC1	8.72	8.91	8.47	8.82	14.75		
	3595.02+3655.02	QPSK	CC0	9.8	9.81	9.09	9.72	15.64	32.06	PASS
			CC1	8.85	9.33	8.79	8.89	14.99		
		64QAM	CC0	9.75	9.72	9.04	9.67	15.58	32.00	PASS
			CC1	8.81	9.27	8.73	8.84	14.94		
		256QAM	CC0	9.71	9.69	9.01	9.61	15.53	31.95	PASS
			CC1	8.78	9.21	8.65	8.75	14.87		
	3612.51+3637.53	QPSK	CC0	9.62	9.52	9.48	9.27	15.49	31.88	PASS
			CC1	8.53	8.88	8.74	8.86	14.78		
		64QAM	CC0	9.59	9.49	9.42	9.21	15.45	31.84	PASS
			CC1	8.47	8.84	8.71	8.84	14.74		
		256QAM	CC0	9.51	9.42	9.39	9.19	15.40	31.79	PASS
			CC1	8.42	8.79	8.65	8.79	14.69		
	3560.01+3580.02	QPSK	CC0	9.52	9.43	9.33	9.21	15.39	31.87	PASS
			CC1	9	9.13	8.72	8.54	14.87		
		64QAM	CC0	9.49	9.41	9.29	9.17	15.36	31.83	PASS
			CC1	8.96	9.07	8.67	8.51	14.83		
		256QAM	CC0	9.42	9.39	9.24	9.12	15.31	31.79	PASS
			CC1	8.91	9.02	8.61	8.47	14.78		
	3670.02+3690	QPSK	CC0	9.47	9.39	9.26	9.19	15.35	31.83	PASS
			CC1	8.94	9.08	8.66	8.51	14.82		
		64QAM	CC0	9.42	9.35	9.24	9.14	15.31	31.78	PASS
			CC1	8.91	9.04	8.61	8.43	14.77		
		256QAM	CC0	9.39	9.31	9.21	9.11	15.28	31.75	PASS
			CC1	8.88	9.01	8.59	8.36	14.74		

Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 13.72\text{dBi}$
2. EIRP (dBm/Channel Bandwidth) = Total Conducted Output Power (dBm/Channel Bandwidth) + Directional Gain

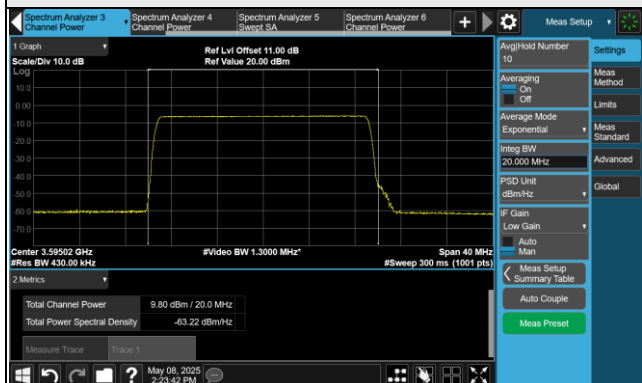
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

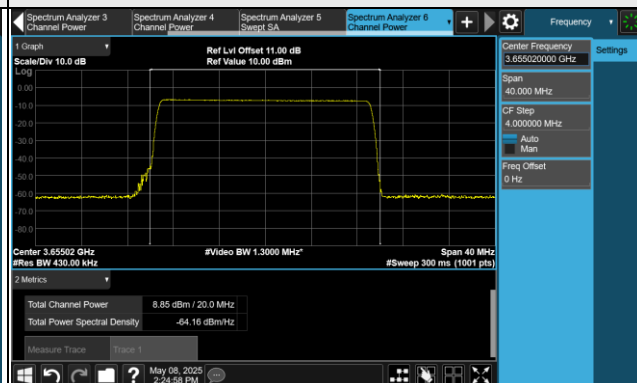
3595.02 MHz+3655.02 MHz

Ant.1

3595.02 MHz

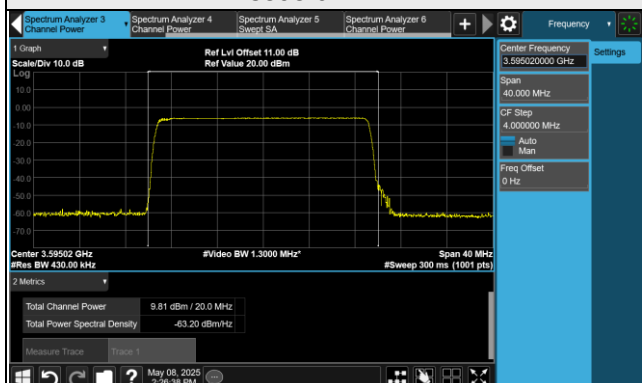


3655.02 MHz

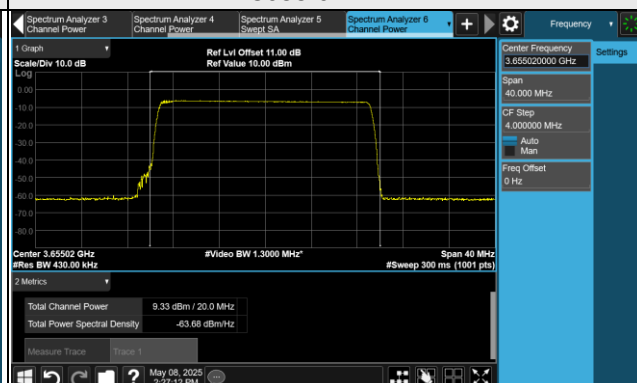


Ant.2

3595.02 MHz

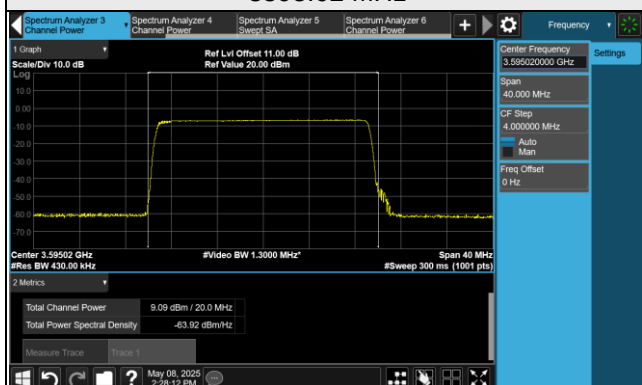


3655.02 MHz

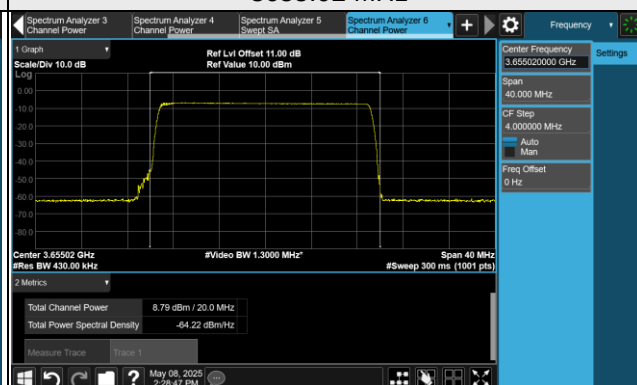


Ant.3

3595.02 MHz

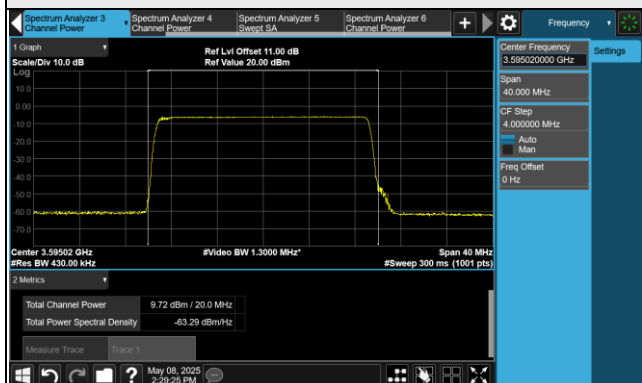


3655.02 MHz

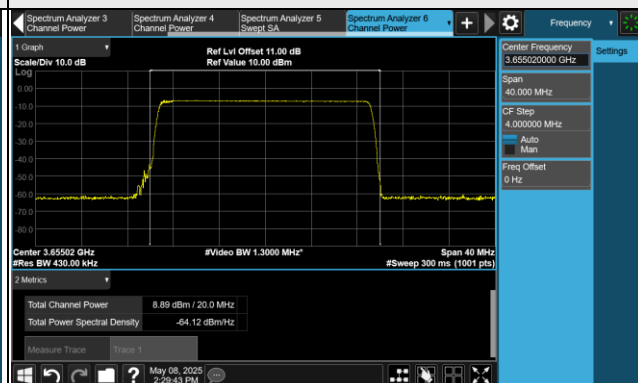


Ant.4

3595.02 MHz



3655.02 MHz



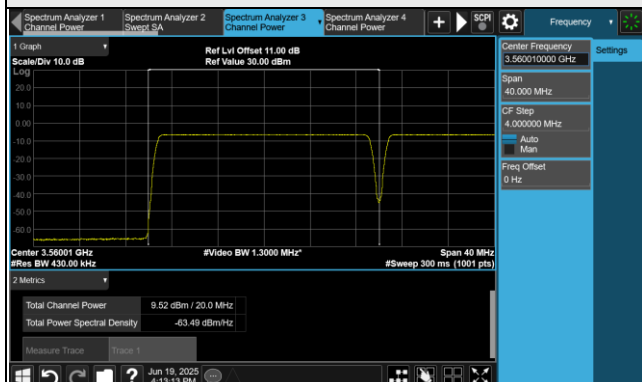
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

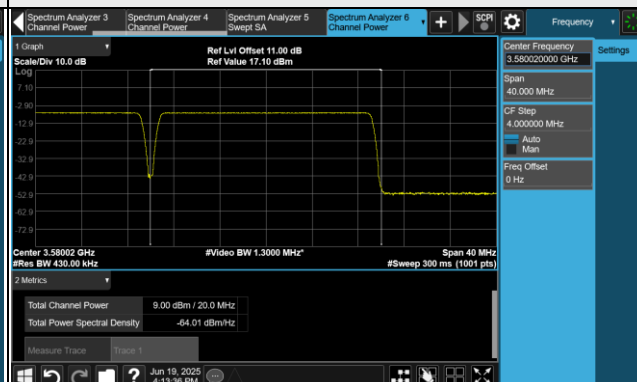
3560.01 MHz+3580.02 MHz

Ant.1

3560.01 MHz

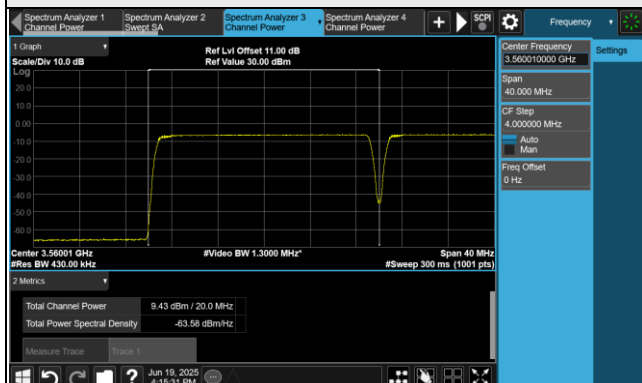


3580.02 MHz

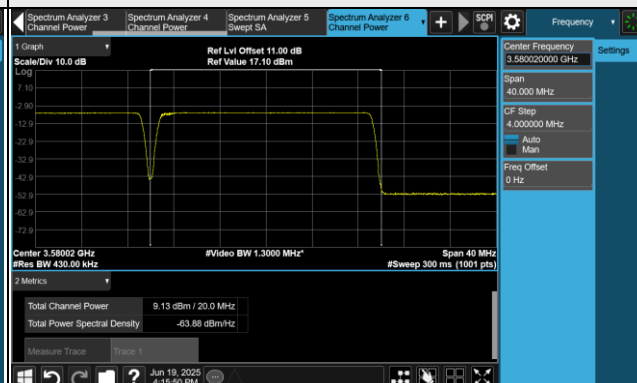


Ant.2

3560.01 MHz

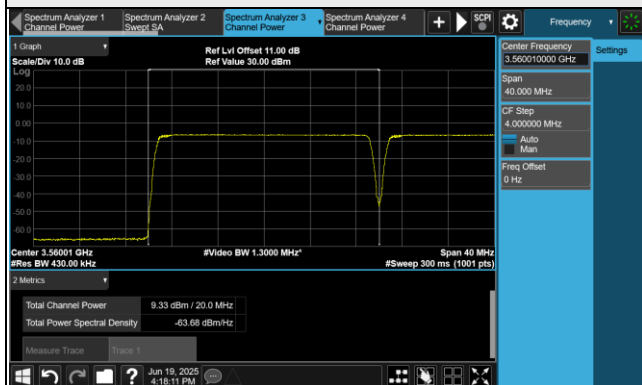


3580.02 MHz

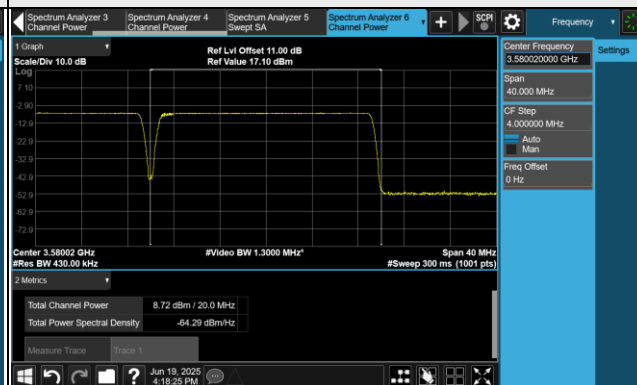


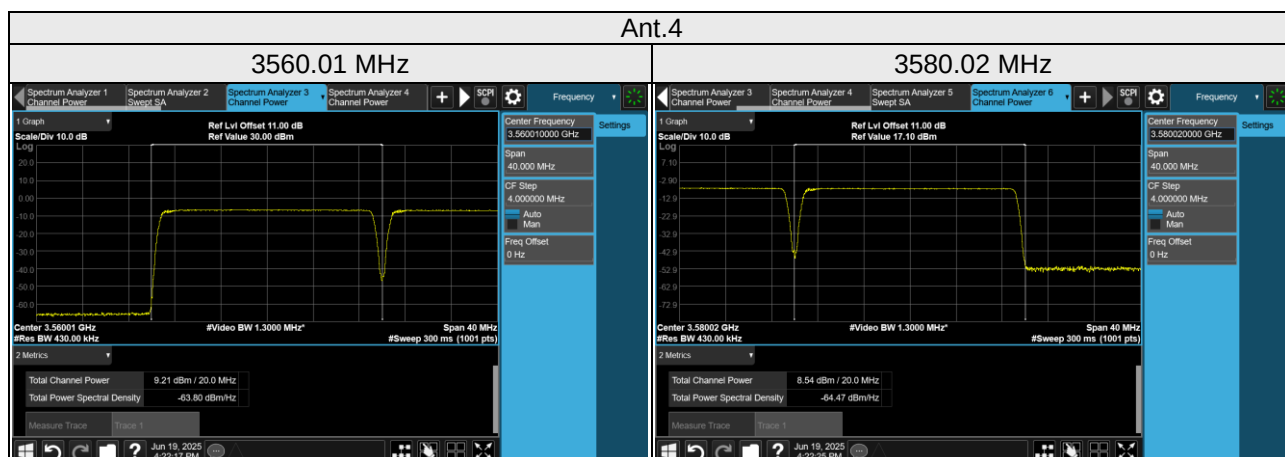
Ant.3

3560.01 MHz



3580.02 MHz



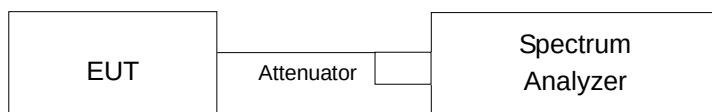


4.2 Maximum Power Spectral Density Measurement

4.2.1 Limits of Maximum Power Spectral Density Measurement

Device		Maximum PSD (dBm/MHz)
☐	End User Device	n/a
☒	Category A CBSD	20
☐	Category B CBSD	37

4.2.2 Test Setup



4.2.3 Test Instruments

Refer to section 4.1.3 to get information of above instrument.

4.2.4 Test Procedure

- Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- Set instrument center frequency to OBW center frequency.
- Set span to $2 \times$ to $3 \times$ the OBW.
- Set the RBW to the specified reference bandwidth (often 1 MHz).
- Set VBW $\geq 3 \times$ RBW.
- Detector = RMS (power averaging).
- Ensure that the number of measurement points in the sweep $\geq 2 \times$ span/RBW.
- Sweep time = auto couple.
- Employ trace averaging (RMS) mode over a minimum of 100 traces.
- Use the peak marker function to determine the maximum amplitude level within the reference bandwidth (PSD).

4.2.5 Deviation from Test Standard

No deviation.

4.2.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.7 Test Results

Mode A1

Power Spectral Density (dBm/MHz)

Bandwidth	Frequency (MHz)	Modulation	Antenna				Total	EIRP (dBm/MHz)	Verdict
			1	2	3	4			
10M	3555	QPSK	8.18	8.54	8.20	8.22	14.31	19.83	PASS
		64QAM	8.16	8.49	8.11	8.16	14.25	19.77	PASS
		256QAM	8.12	8.32	8.04	8.09	14.16	19.68	PASS
	3624.99	QPSK	8.53	8.37	8.35	8.53	14.47	19.99	PASS
		64QAM	8.49	8.30	8.52	8.41	14.45	19.97	PASS
		256QAM	8.42	8.29	8.48	8.37	14.41	19.93	PASS
	3694.98	QPSK	8.23	8.07	8.05	8.41	14.21	19.73	PASS
		64QAM	8.19	8.02	7.97	8.36	14.16	19.68	PASS
		256QAM	8.14	7.95	7.91	8.29	14.10	19.62	PASS
20M	3560.01	QPSK	7.95	8.04	8.43	8.38	14.23	19.75	PASS
		64QAM	7.91	7.96	8.39	8.32	14.17	19.69	PASS
		256QAM	7.98	7.92	8.31	8.25	14.14	19.66	PASS
	3624.99	QPSK	8.13	8.09	8.16	8.37	14.21	19.73	PASS
		64QAM	8.05	8.01	8.04	8.31	14.12	19.64	PASS
		256QAM	7.97	7.94	7.98	8.25	14.06	19.58	PASS
	3690	QPSK	8.37	8.10	8.18	8.36	14.27	19.79	PASS
		64QAM	8.31	8.04	8.12	8.31	14.22	19.74	PASS
		256QAM	8.27	7.97	8.05	8.27	14.16	19.68	PASS
40M	3570	QPSK	8.06	8.14	8.43	8.40	14.28	19.80	PASS
		64QAM	7.98	8.06	8.39	8.32	14.21	19.73	PASS
		256QAM	7.91	8.01	8.31	8.29	14.15	19.67	PASS
	3624.99	QPSK	8.39	8.31	8.50	8.51	14.45	19.97	PASS
		64QAM	8.37	8.26	8.55	8.48	14.44	19.96	PASS
		256QAM	8.29	8.19	8.51	8.42	14.37	19.89	PASS
	3679.98	QPSK	8.47	8.38	8.42	8.39	14.44	19.96	PASS
		64QAM	8.39	8.31	8.33	8.54	14.41	19.93	PASS
		256QAM	8.37	8.28	8.30	8.52	14.39	19.91	PASS

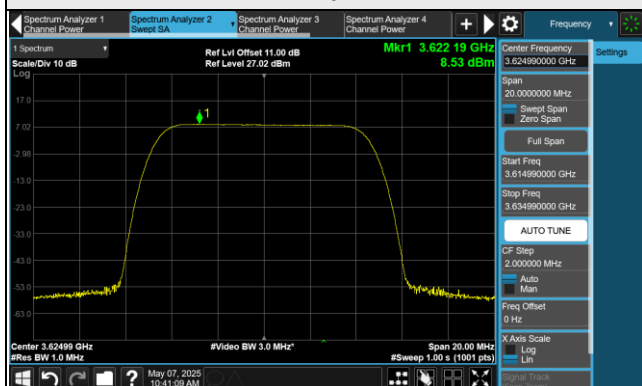
Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 5.52\text{dBi}$
2. EIRP Power Spectral Density (dBm/MHz) = Total Power Spectral Density (dBm/MHz) + Directional Gain

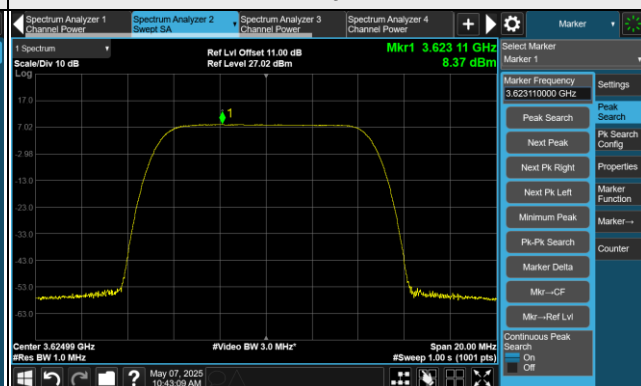
Spectrum Plot of Worst Value

10MHz / QPSK

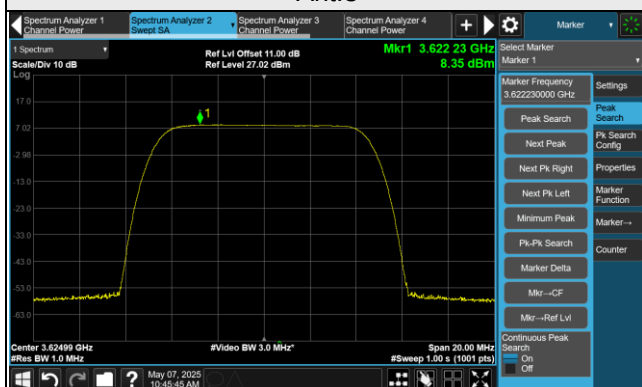
Ant.1



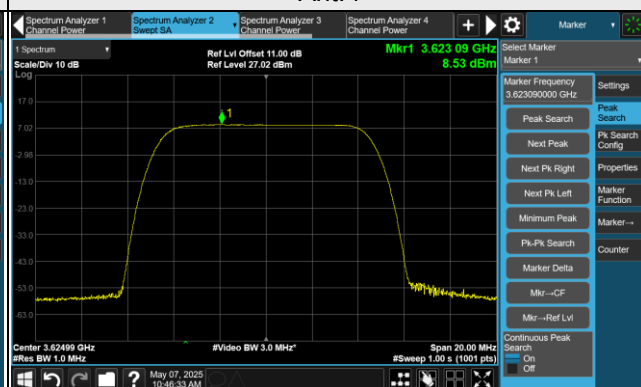
Ant.2



Ant.3



Ant.4



Mode A2 / A3

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/MHz)	Verdict
				1	2	3	4			
10M+20M	3555+3690	QPSK	CC0	5.71	5.6	5.68	5.56	11.66	19.99	PASS
			CC1	5.31	5.34	5.16	5.12	11.25		
		64QAM	CC0	5.72	5.57	5.67	5.57	11.65	19.98	PASS
			CC1	5.29	5.32	5.15	5.12	11.24		
		256QAM	CC0	5.69	5.49	5.62	5.51	11.60	19.94	PASS
			CC1	5.27	5.31	5.11	5.09	11.22		
	3595.02+3660	QPSK	CC0	5.52	5.94	5.93	5.99	11.87	19.92	PASS
			CC1	5.07	4.84	4.74	4.7	10.86		
		64QAM	CC0	5.49	5.89	5.89	5.87	11.81	19.86	PASS
			CC1	5.03	4.73	4.67	4.65	10.79		
		256QAM	CC0	5.41	5.81	5.84	5.82	11.74	19.81	PASS
			CC1	4.98	4.69	4.62	4.61	10.75		
	3617.52+3637.53	QPSK	CC0	5.48	5.75	5.58	5.69	11.65	19.99	PASS
			CC1	5.23	5.25	5.22	5.3	11.27		
		64QAM	CC0	5.49	5.72	5.55	5.69	11.63	19.97	PASS
			CC1	5.21	5.14	5.21	5.27	11.23		
		256QAM	CC0	5.43	5.64	5.49	5.64	11.57	19.91	PASS
			CC1	5.19	5.07	5.17	5.19	11.18		
	3555+3570	QPSK	CC0	5.57	5	5.32	5.26	11.31	19.85	PASS
			CC1	5.64	5.3	5.13	5.12	11.32		
		64QAM	CC0	5.51	4.99	5.27	5.21	11.27	19.80	PASS
			CC1	5.55	5.27	5.11	5.09	11.28		
		256QAM	CC0	5.42	4.94	5.24	5.17	11.22	19.76	PASS
			CC1	5.49	5.23	5.09	5.04	11.24		
	3675+3690	QPSK	CC0	5.07	4.54	4.6	4.87	10.80	19.56	PASS
			CC1	5.4	5.2	5.1	5.25	11.26		
		64QAM	CC0	5.02	4.51	4.55	4.84	10.76	19.51	PASS
			CC1	5.33	5.13	5.04	5.21	11.20		
		256QAM	CC0	4.97	4.47	4.52	4.81	10.72	19.47	PASS
			CC1	5.29	5.08	4.98	5.16	11.15		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/MHz)	Verdict
				1	2	3	4			
20M+10M	3560.01+3694.98	QPSK	CC0	5.37	5.6	5.81	5.73	11.65	19.99	PASS
			CC1	5.01	5.24	5.31	5.4	11.26		
		64QAM	CC0	5.35	5.57	5.77	5.74	11.63	19.98	PASS
			CC1	5.01	5.25	5.29	5.4	11.26		
		256QAM	CC0	5.31	5.51	5.74	5.71	11.59	19.94	PASS
			CC1	4.97	5.24	5.29	5.33	11.23		
	3590.01+3655.02	QPSK	CC0	5.81	5.88	5.69	5.61	11.77	19.99	PASS
			CC1	5.17	5.05	5.12	5.08	11.13		
		64QAM	CC0	5.79	5.88	5.61	5.55	11.73	19.96	PASS
			CC1	5.17	5.04	5.12	5.04	11.11		
		256QAM	CC0	5.74	5.76	5.55	5.49	11.66	19.91	PASS
			CC1	5.12	5.02	5.07	5.01	11.08		
	3612.51+3632.52	QPSK	CC0	5.21	5.62	5.39	4.94	11.32	19.72	PASS
			CC1	5.16	5.22	5.31	4.43	11.06		
		64QAM	CC0	5.19	5.55	5.31	4.89	11.26	19.67	PASS
			CC1	5.07	5.19	5.29	4.36	11.01		
		256QAM	CC0	5.14	5.49	5.27	4.77	11.20	19.58	PASS
			CC1	5.03	5.03	5.15	4.29	10.91		
	3560.01+3575.01	QPSK	CC0	5.43	5.15	5.04	4.98	11.17	19.69	PASS
			CC1	5.52	5.32	4.83	4.75	11.14		
		64QAM	CC0	5.36	5.07	5.01	4.91	11.11	19.64	PASS
			CC1	5.49	5.27	4.79	4.72	11.10		
		256QAM	CC0	5.31	5.03	4.96	4.88	11.07	19.58	PASS
			CC1	5.42	5.21	4.73	4.66	11.04		
	3679.98+3694.98	QPSK	CC0	5.65	4.9	5.07	5.27	11.25	19.68	PASS
			CC1	5.3	5.1	4.71	5	11.05		
		64QAM	CC0	5.61	4.84	5.01	5.21	11.20	19.64	PASS
			CC1	5.27	5.06	4.67	4.96	11.02		
		256QAM	CC0	5.55	4.79	4.97	5.14	11.14	19.58	PASS
			CC1	5.21	5.01	4.62	4.91	10.96		

Bandwidth	Frequency (MHz)	Modulation	Carrier	Antenna				Total	EIRP (dBm/MHz)	Verdict
				1	2	3	4			
20M+20M	3560.01+3690	QPSK	CC0	5.37	5.39	5.49	5.6	11.48	19.99	PASS
			CC1	5.35	5.31	5.43	5.55	11.43		
		64QAM	CC0	5.29	5.34	5.42	5.47	11.40	19.90	PASS
			CC1	5.24	5.27	5.37	5.42	11.35		
		256QAM	CC0	5.21	5.26	5.39	5.43	11.34	19.84	PASS
			CC1	5.19	5.15	5.27	5.39	11.27		
	3595.02+3655.02	QPSK	CC0	5.5	5.83	5.86	5.93	11.80	19.99	PASS
			CC1	5.19	5.04	5.14	4.91	11.09		
		64QAM	CC0	5.49	5.79	5.88	5.91	11.79	19.98	PASS
			CC1	5.13	5.08	5.14	4.87	11.08		
		256QAM	CC0	5.42	5.71	5.76	5.88	11.72	19.91	PASS
			CC1	5.06	5.04	5.08	4.76	11.01		
	3612.51+3637.53	QPSK	CC0	5.39	5.74	5.36	5.7	11.57	19.99	PASS
			CC1	5.36	5.49	5.13	5.29	11.34		
		64QAM	CC0	5.39	5.74	5.39	5.66	11.57	19.98	PASS
			CC1	5.36	5.47	5.14	5.29	11.34		
		256QAM	CC0	5.31	5.69	5.31	5.61	11.50	19.92	PASS
			CC1	5.29	5.43	5.07	5.24	11.28		
	3560.01+3580.02	QPSK	CC0	5.49	5.19	5.24	5.07	11.27	19.54	PASS
			CC1	5.23	4.73	4.57	4.27	10.73		
		64QAM	CC0	5.42	5.15	5.19	5.03	11.22	19.49	PASS
			CC1	5.16	4.69	4.51	4.21	10.68		
		256QAM	CC0	5.36	5.12	5.14	5.01	11.18	19.45	PASS
			CC1	5.14	4.61	4.47	4.17	10.63		
	3670.02+3690	QPSK	CC0	5.21	4.4	4.7	4.24	10.67	19.50	PASS
			CC1	5.7	5.23	5.22	4.69	11.25		
		64QAM	CC0	5.17	4.36	4.66	4.21	10.64	19.46	PASS
			CC1	5.66	5.18	5.19	4.63	11.20		
		256QAM	CC0	5.14	4.32	4.62	4.13	10.59	19.41	PASS
			CC1	5.63	5.14	5.14	4.54	11.15		

Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 5.52\text{dBi}$
2. EIRP Power Spectral Density (dBm/MHz) = Total Power Spectral Density (dBm/MHz) + Directional Gain

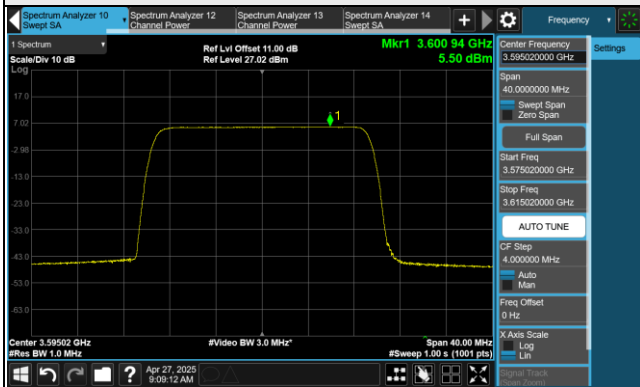
Spectrum Plot of Worst Value

20MHz+20MHz / QPSK

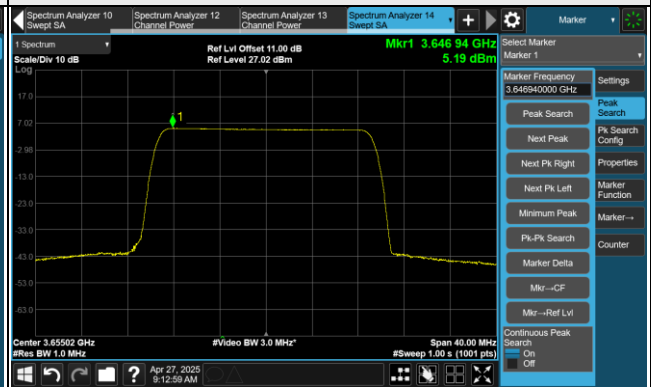
3595.02 MHz+3655.02 MHz

Ant.1

3595.02 MHz

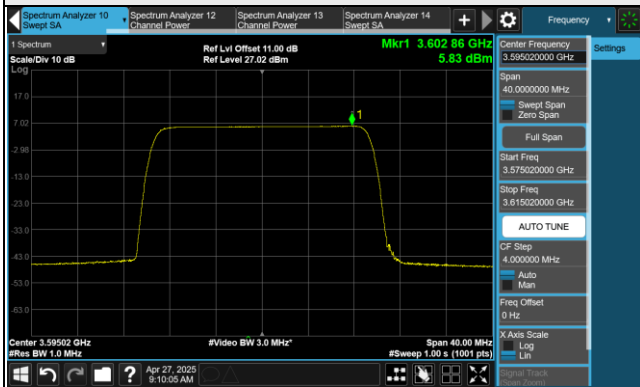


3655.02 MHz

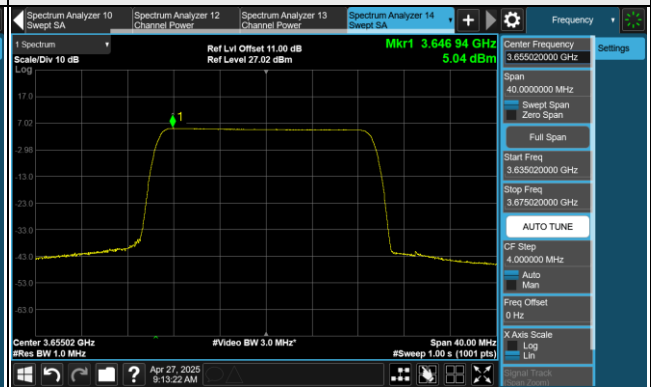


Ant.2

3595.02 MHz

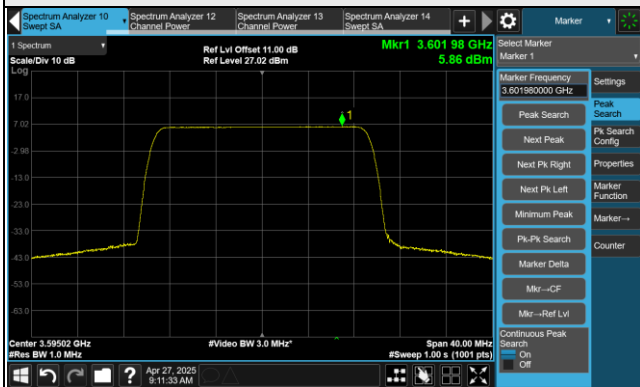


3655.02 MHz

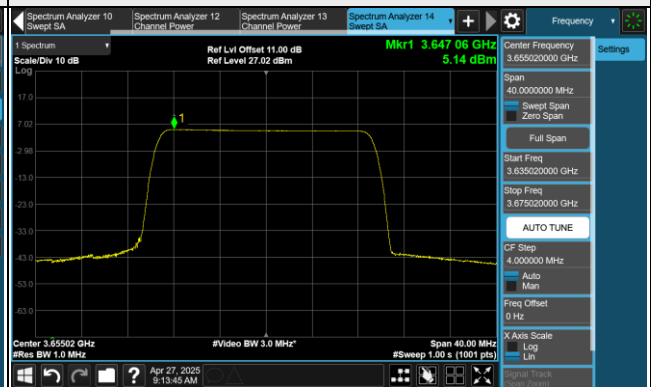


Ant.3

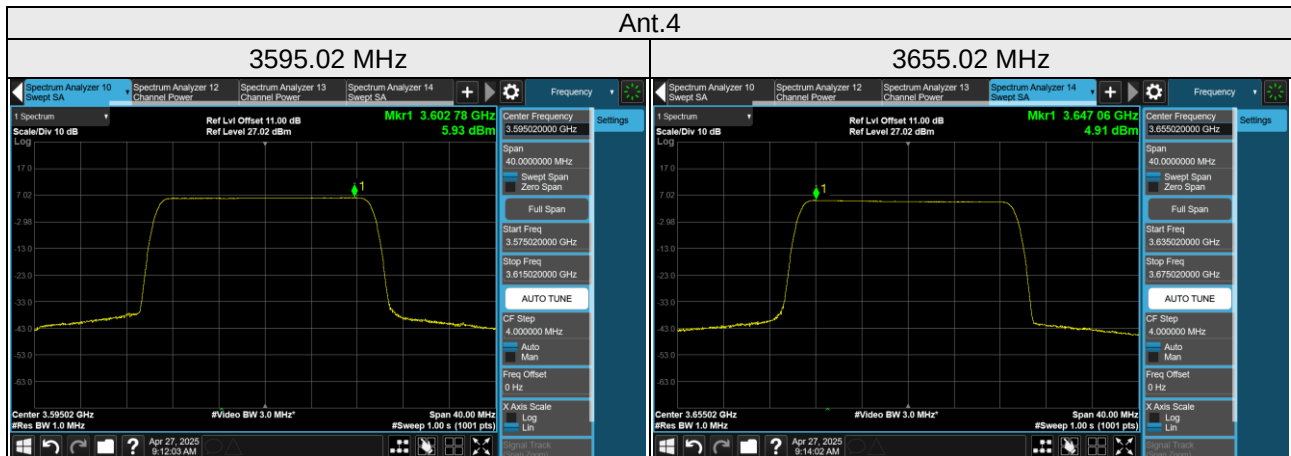
3595.02 MHz



3655.02 MHz



Ant.4



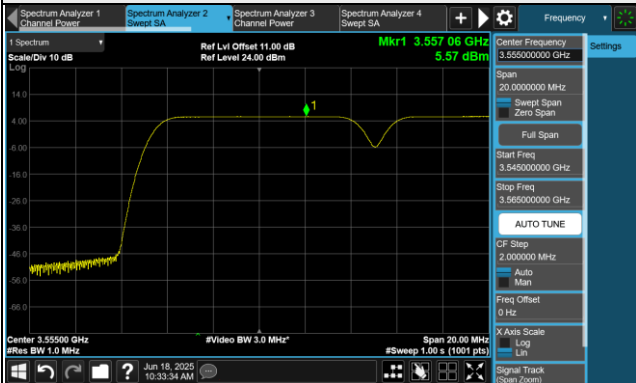
Spectrum Plot of Worst Value

10MHz+20MHz / QPSK

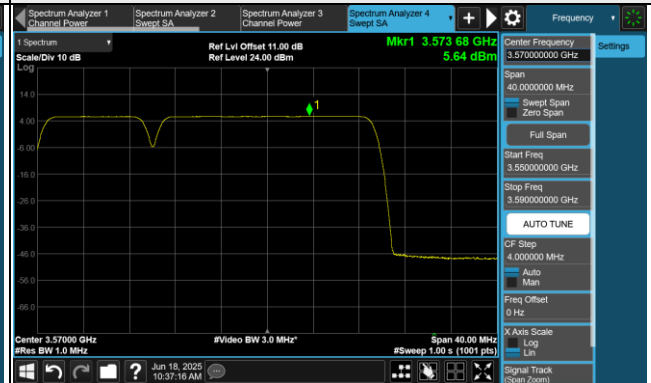
3555 MHz+3570 MHz

Ant.1

3555 MHz



3570 MHz

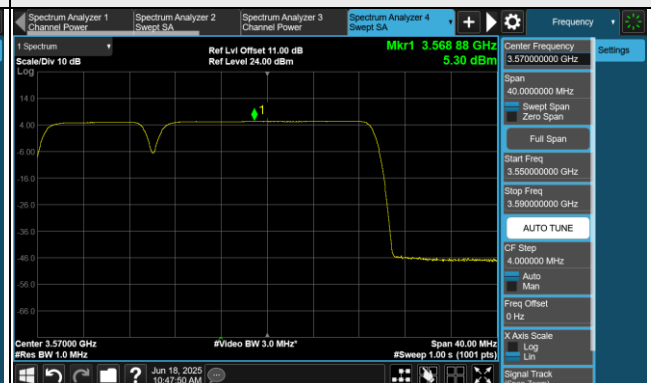


Ant.2

3555 MHz

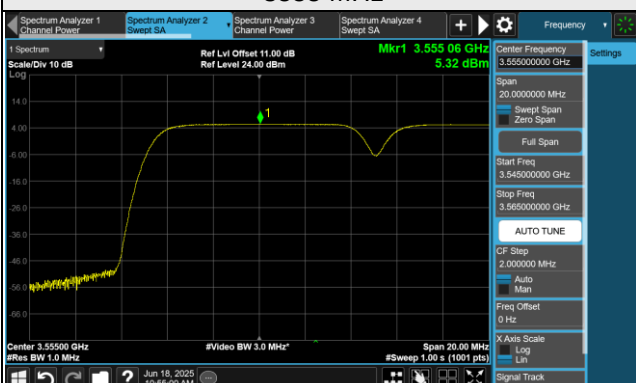


3570 MHz

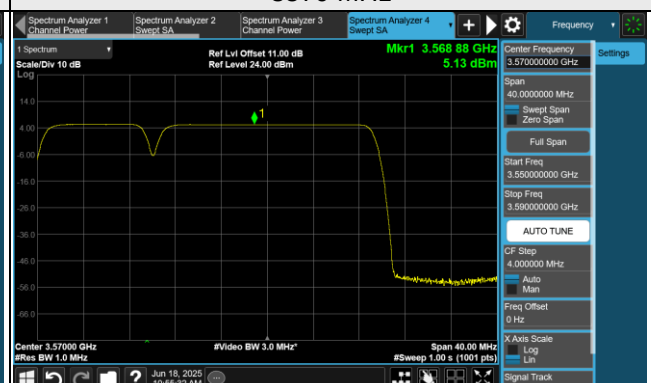


Ant.3

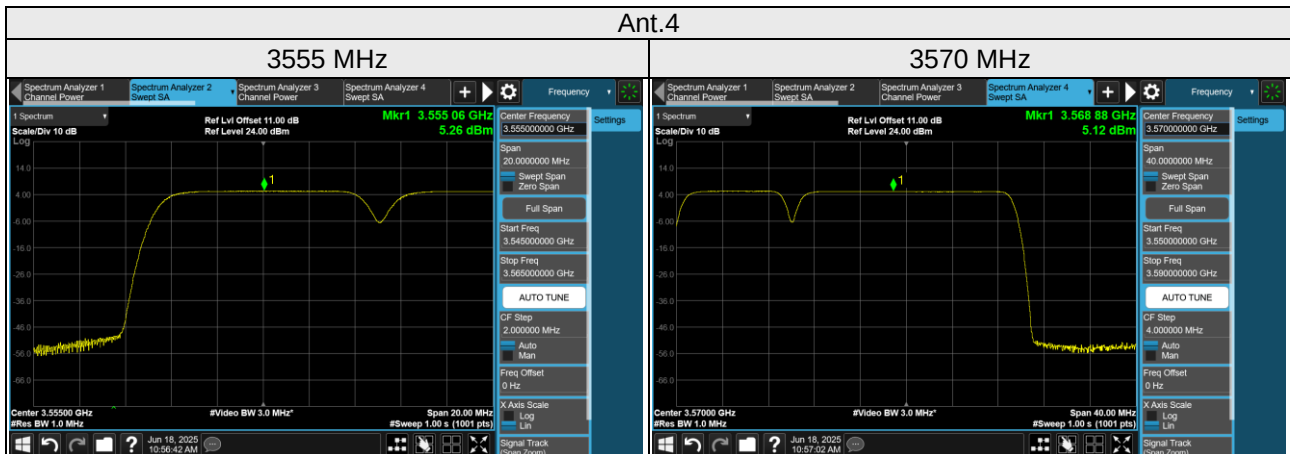
3555 MHz



3570 MHz



Ant.4



Mode B1

Power Spectral Density (dBm/MHz)

Bandwidth	Frequency (MHz)	Modulation	Antenna				Total	EIRP (dBm/MHz)	Verdict
			1	2	3	4			
10M	3555	QPSK	2.40	2.65	1.97	2.10	8.31	19.83	PASS
		64QAM	2.37	2.61	1.93	2.03	8.26	19.78	PASS
		256QAM	2.32	2.57	1.86	1.97	8.21	19.73	PASS
	3624.99	QPSK	2.21	2.18	1.97	2.01	8.12	19.64	PASS
		64QAM	2.16	2.13	1.94	1.98	8.07	19.59	PASS
		256QAM	2.14	2.09	1.91	1.93	8.04	19.56	PASS
	3694.98	QPSK	2.22	2.04	2.00	2.33	8.17	19.69	PASS
		64QAM	2.19	2.03	1.95	2.31	8.14	19.66	PASS
		256QAM	2.14	2.01	1.91	2.27	8.11	19.63	PASS
20M	3560.01	QPSK	2.04	2.43	1.85	1.91	8.08	19.60	PASS
		64QAM	1.97	2.36	1.81	1.85	8.02	19.54	PASS
		256QAM	1.92	2.31	1.75	1.81	7.97	19.49	PASS
	3624.99	QPSK	2.03	2.36	1.89	1.97	8.09	19.61	PASS
		64QAM	1.99	2.31	1.84	1.94	8.04	19.56	PASS
		256QAM	1.94	2.27	1.80	1.92	8.01	19.53	PASS
	3690	QPSK	2.16	2.26	2.18	2.43	8.28	19.80	PASS
		64QAM	2.14	2.21	2.14	2.37	8.24	19.76	PASS
		256QAM	2.11	2.19	2.11	2.31	8.20	19.72	PASS
40M	3570	QPSK	2.25	2.61	2.25	2.24	8.36	19.88	PASS
		64QAM	2.21	2.55	2.21	2.19	8.31	19.83	PASS
		256QAM	2.19	2.51	2.17	2.14	8.28	19.80	PASS
	3624.99	QPSK	2.50	2.37	2.40	2.42	8.44	19.96	PASS
		64QAM	2.41	2.31	2.35	2.36	8.38	19.90	PASS
		256QAM	2.36	2.29	2.27	2.31	8.33	19.85	PASS
	3679.98	QPSK	2.11	2.07	2.03	2.15	8.11	19.63	PASS
		64QAM	2.09	2.04	1.97	2.13	8.08	19.60	PASS
		256QAM	2.01	1.98	1.92	2.11	8.03	19.55	PASS

Note:

1. Correlated Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{G4/20})^2/4] = 11.52 \text{ dBi}$
2. EIRP Power Spectral Density (dBm/MHz) = Total Power Spectral Density (dBm/MHz) + Directional Gain