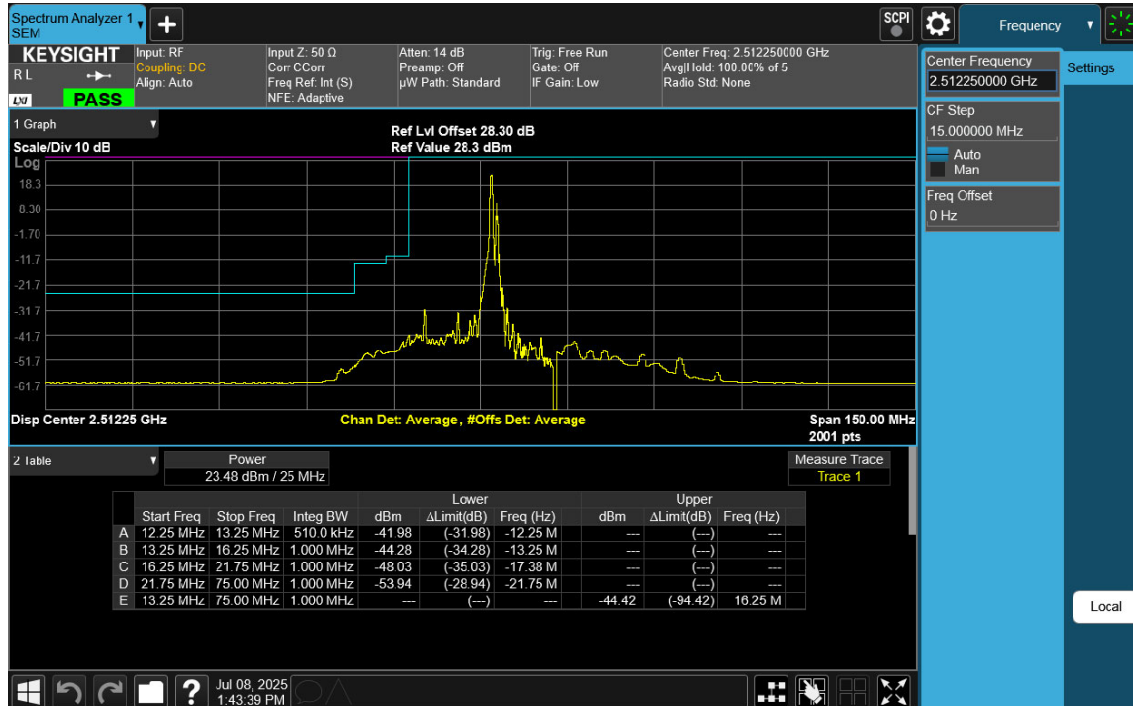
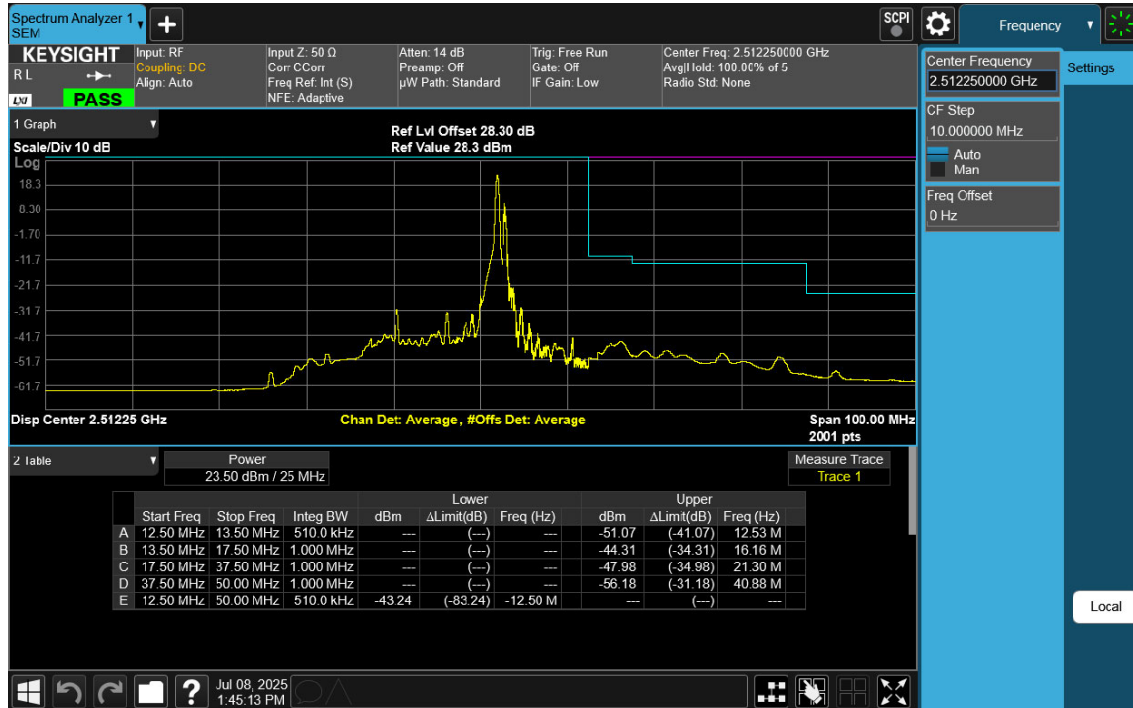


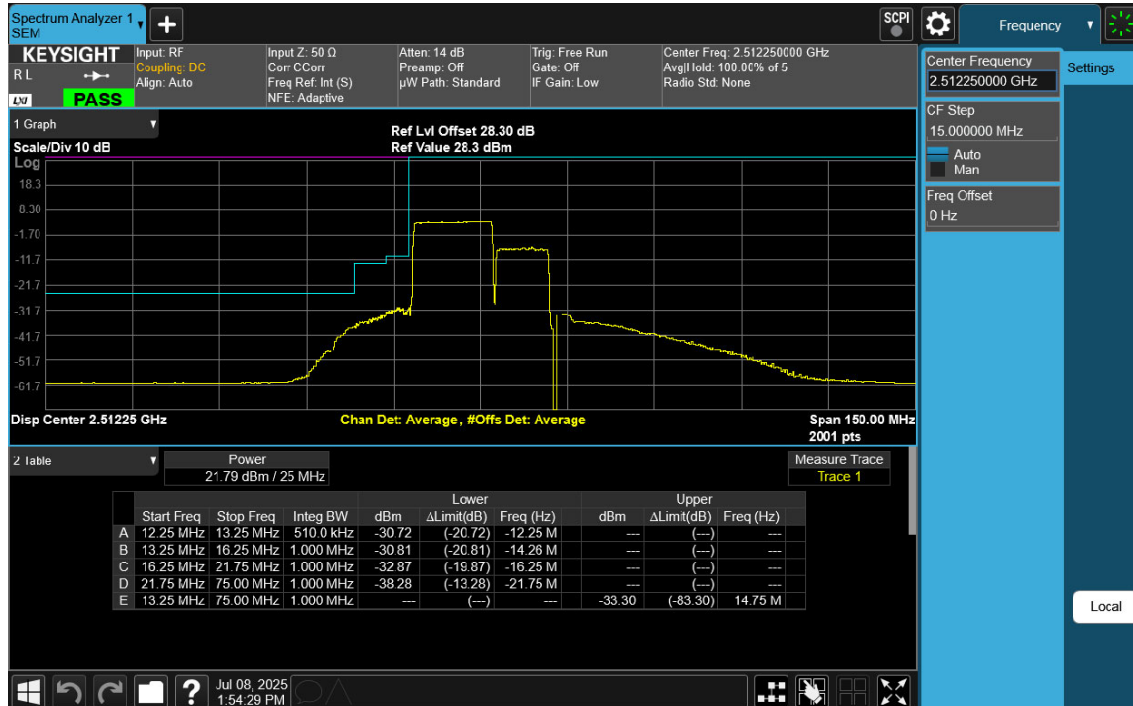
PCC 15MHz Ch20825 RB1 Offset74, SCC 10MHz Ch20945 RB1 Offset0-1



PCC 15MHz Ch20825 RB1 Offset74, SCC 10MHz Ch20945 RB1 Offset0-2



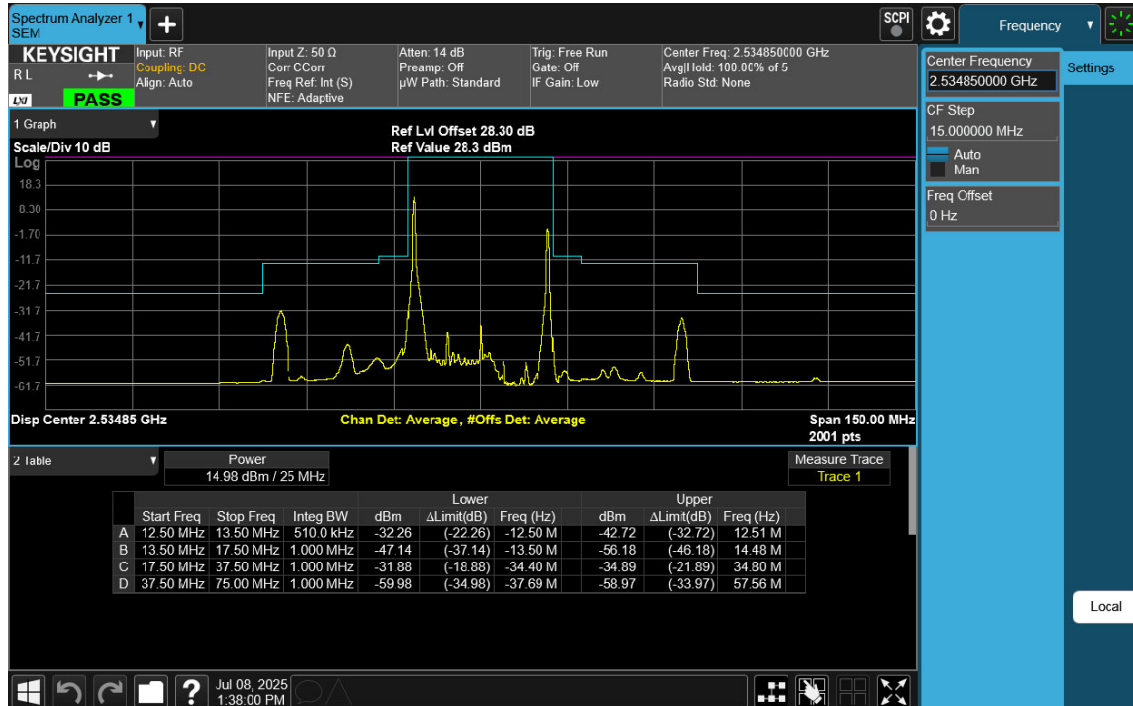
PCC 15MHz Ch20825 RB75 Offset0, SCC 10MHz Ch20945 RB50 Offset0-1



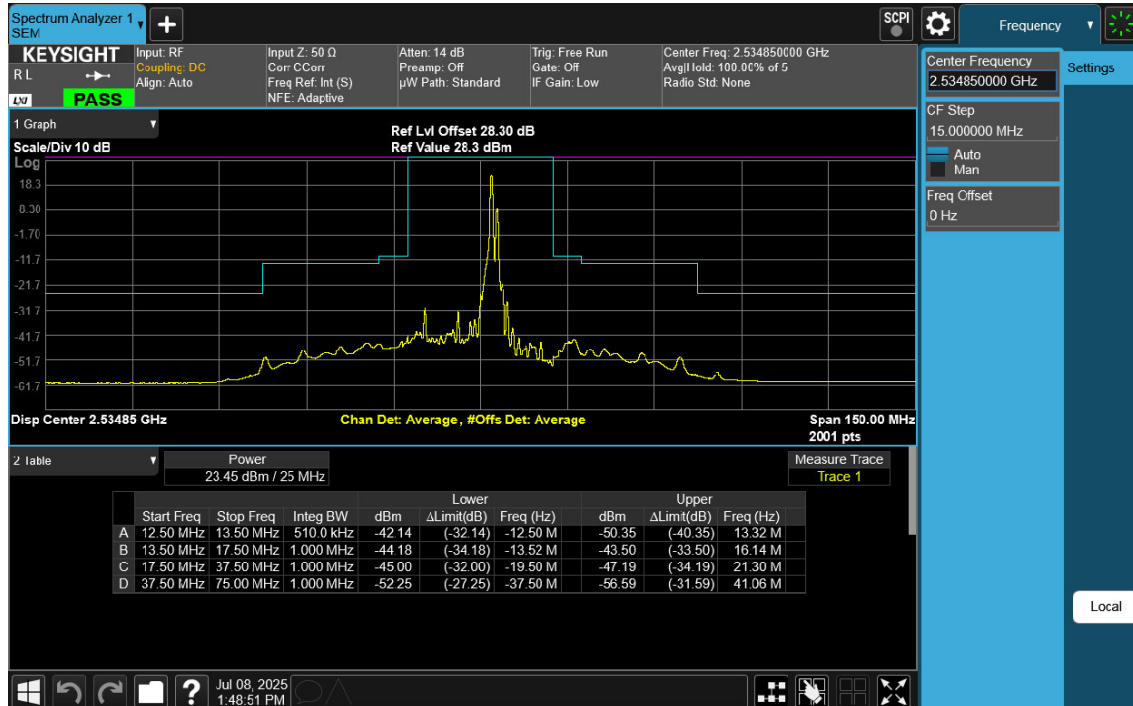
PCC 15MHz Ch20825 RB75 Offset0, SCC 10MHz Ch20945 RB50 Offset0-2



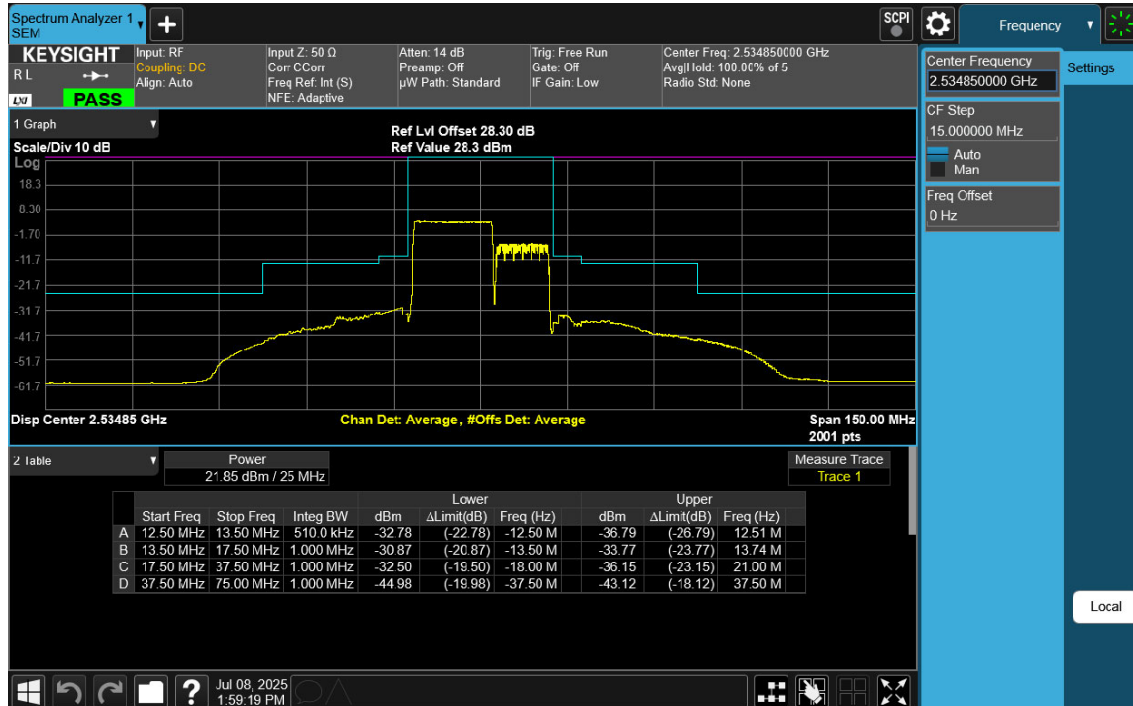
PCC 15MHz Ch21051 RB1 Offset0, SCC 10MHz Ch21171 RB1 Offset49



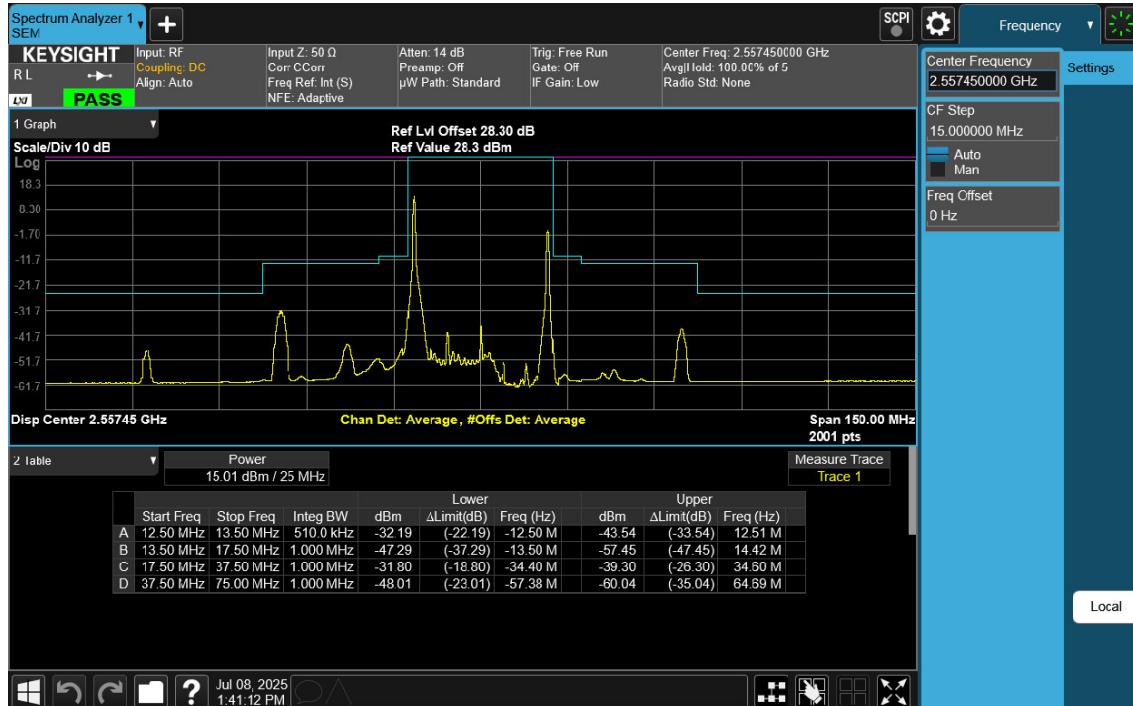
PCC 15MHz Ch21051 RB1 Offset74, SCC 10MHz Ch21171 RB1 Offset0



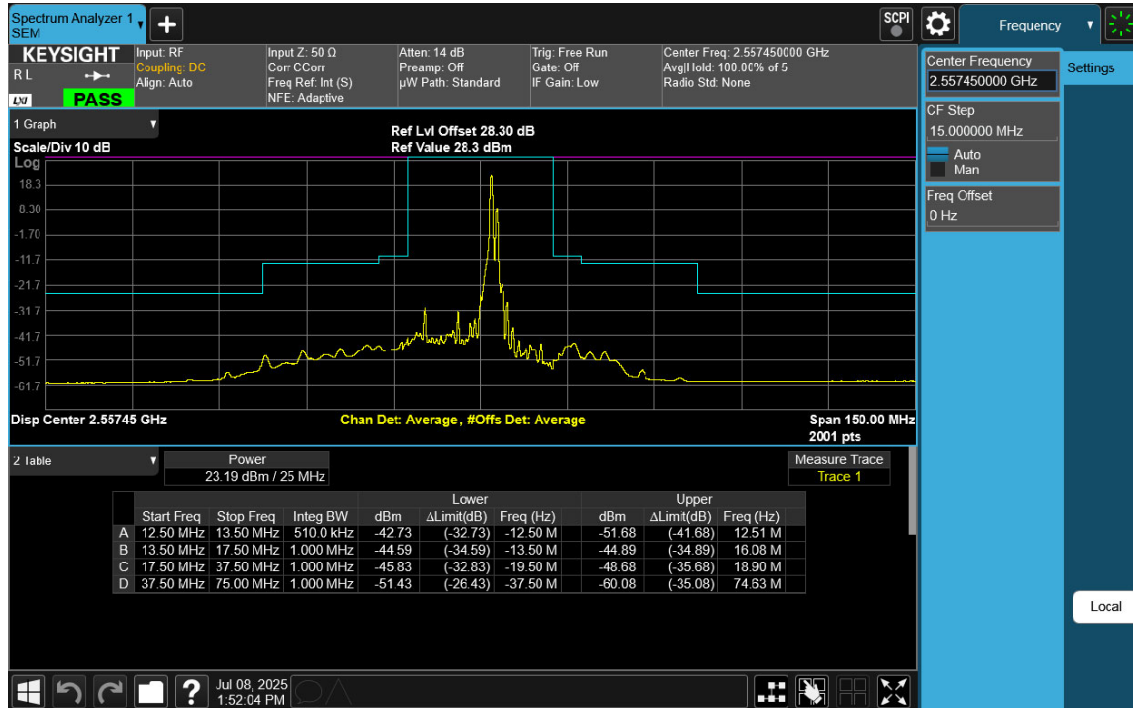
PCC 15MHz Ch21051 RB75 Offset0, SCC 10MHz Ch21171 RB50 Offset0



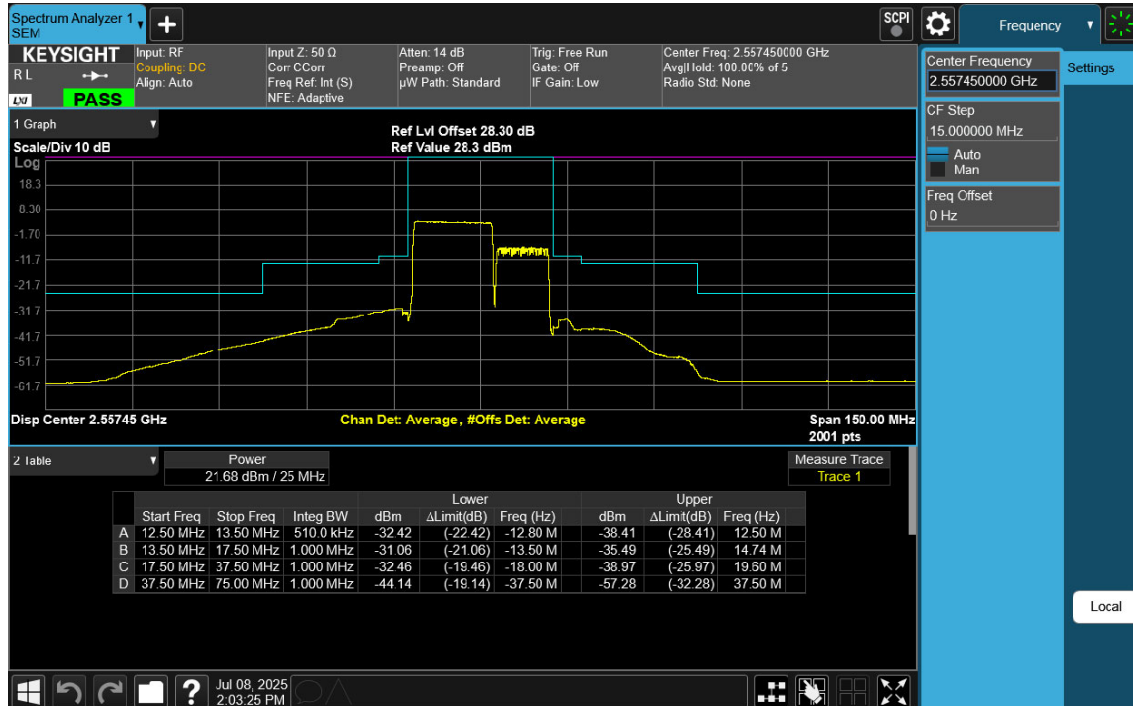
PCC 15MHz Ch21277 RB1 Offset0, SCC 10MHz Ch21397 RB1 Offset49



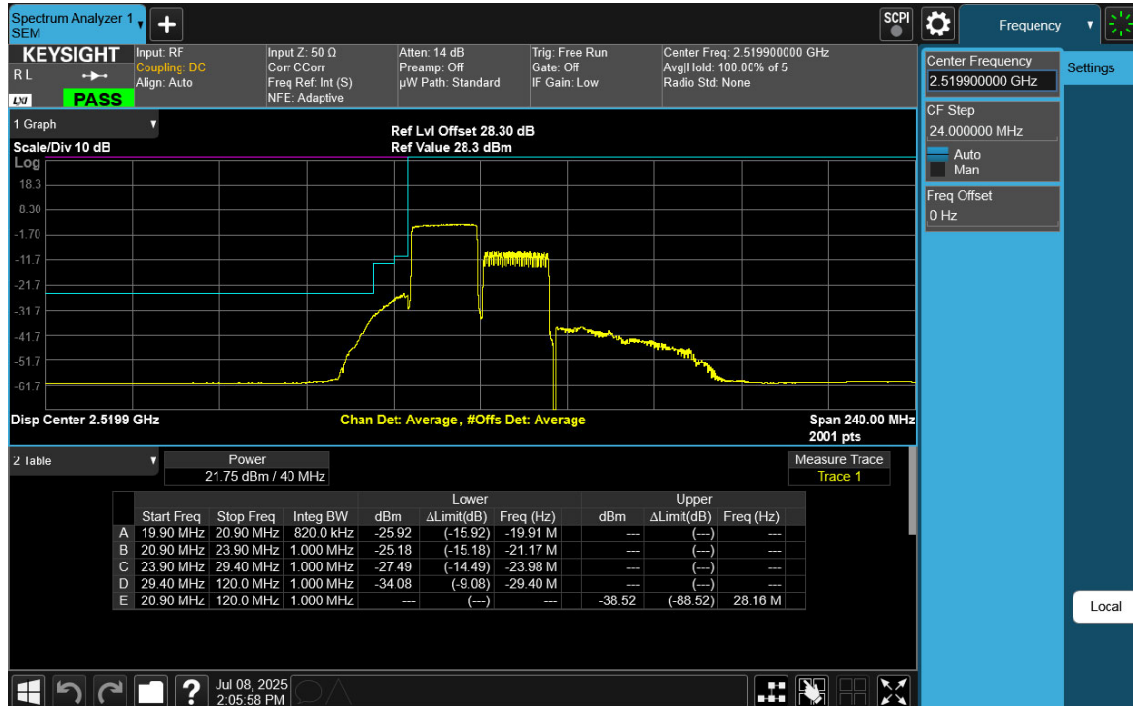
PCC 15MHz Ch21277 RB1 Offset74, SCC 10MHz Ch21397 RB1 Offset0



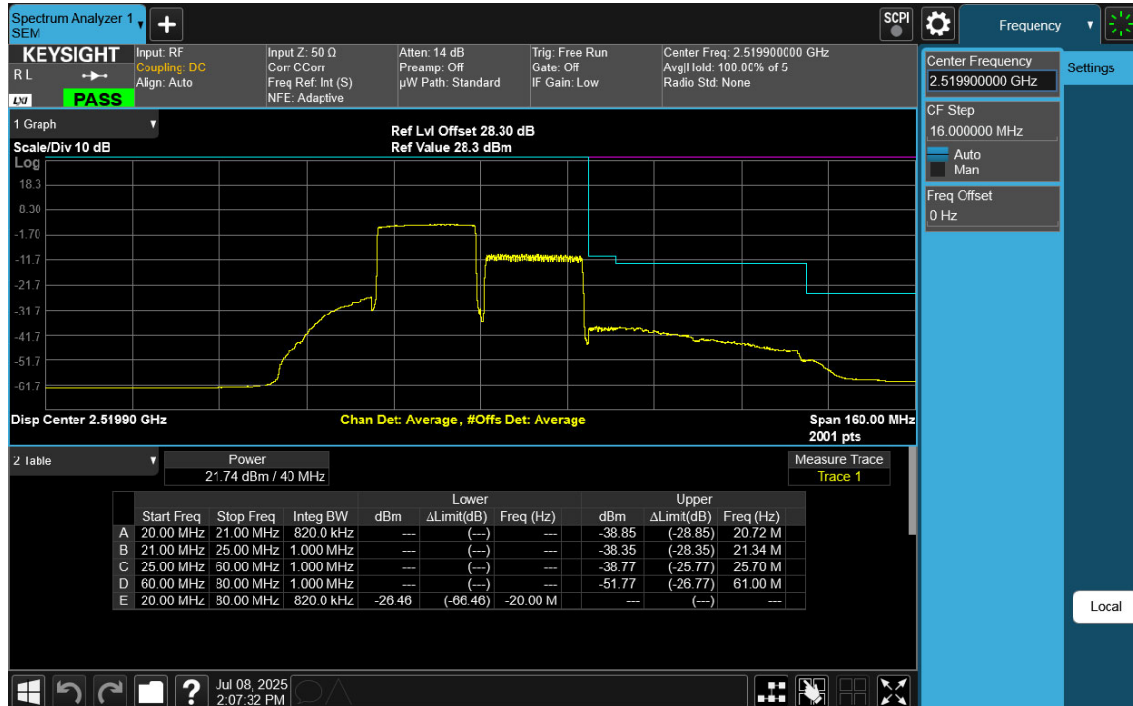
PCC 15MHz Ch21277 RB75 Offset0, SCC 10MHz Ch21397 RB50 Offset0



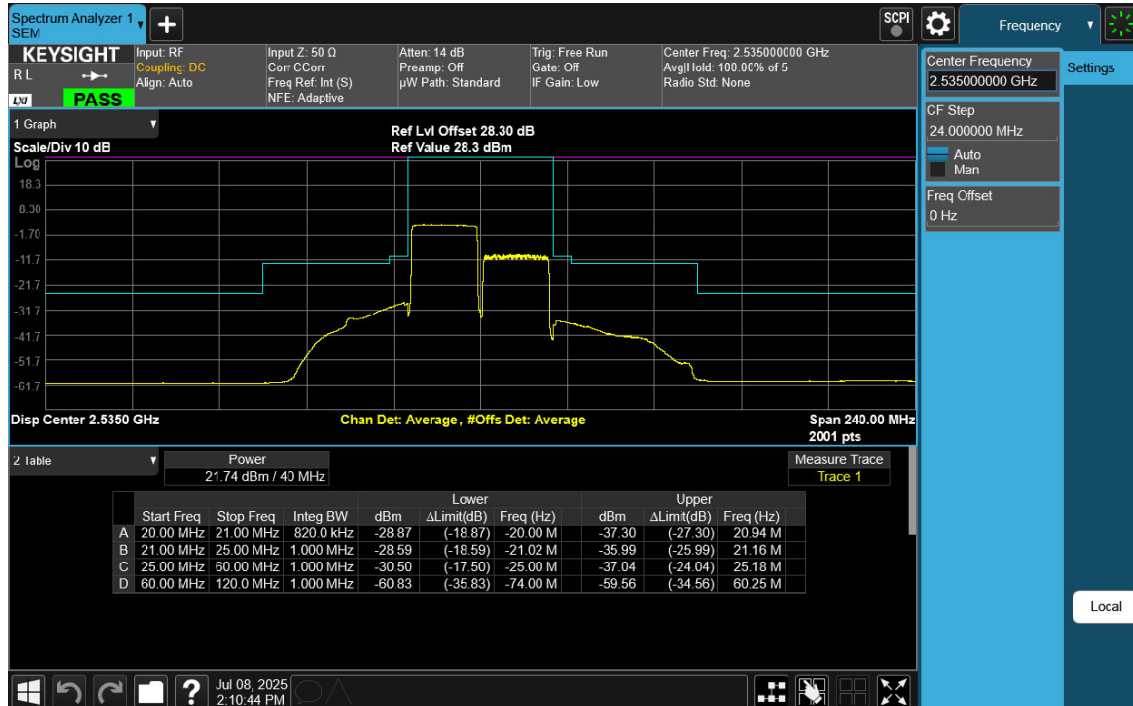
PCC 20MHz Ch20850 RB100 Offset0, SCC 20MHz Ch21048 RB100 Offset0-1



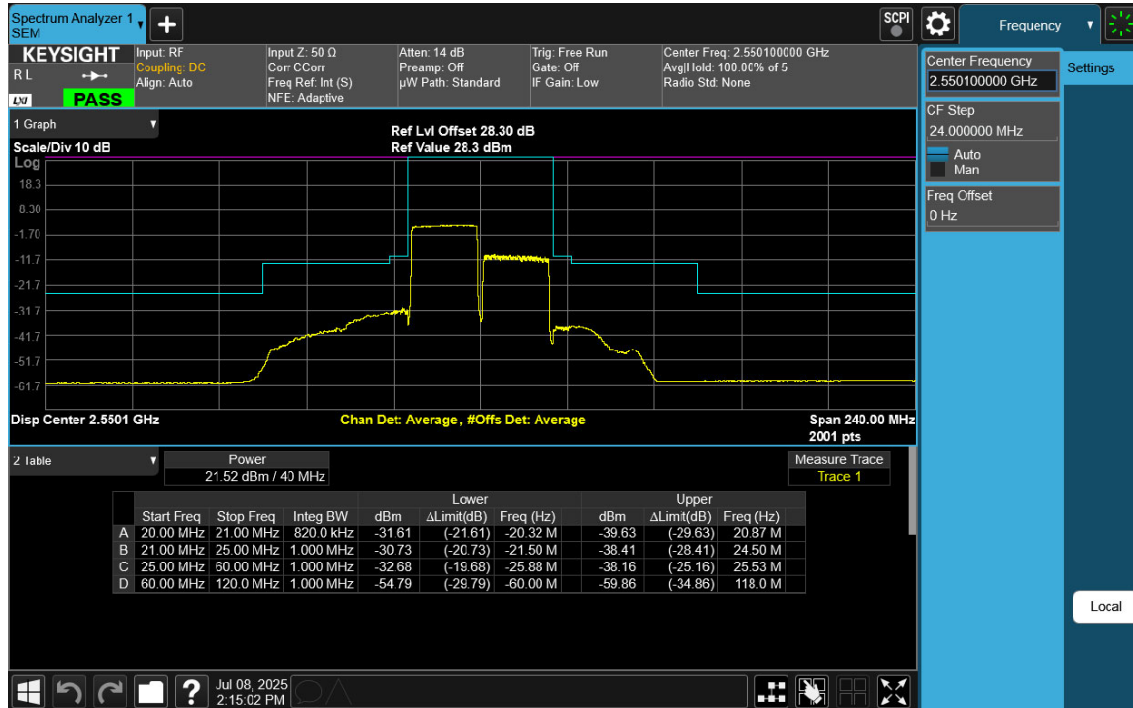
PCC 20MHz Ch20850 RB100 Offset0, SCC 20MHz Ch21048 RB100 Offset0-2



PCC 20MHz Ch21001 RB100 Offset0, SCC 20MHz Ch21199 RB100 Offset0



PCC 20MHz Ch21152 RB100 Offset0, SCC 20MHz Ch21350 RB100 Offset0



8.5 Frequency Stability / Variation Of Ambient Temperature

- ▣ PCC Channel: 20805
- ▣ PCC Frequency: 2505.5 MHz
- ▣ PCC BandWidth: 10 MHz
- ▣ SCC Channel: 20949
- ▣ SCC Frequency: 2519.9 MHz
- ▣ SCC BandWidth: 20 MHz
- ▣ Voltage : 4.200 VDC
- ▣ LIMIT: Emission must remain in band

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	-0.0140	-0.0156	2505.49996	2519.89996
100 %		-30	0.0110	-0.0192	2505.50003	2519.89995
100 %		-20	0.0177	0.0151	2505.50004	2519.90004
100 %		-10	0.0169	0.0070	2505.50004	2519.90002
100 %		0	0.0130	-0.0100	2505.50003	2519.89997
100 %		10	0.0111	0.0204	2505.50003	2519.90005
100 %		30	0.0045	-0.0095	2505.50001	2519.89998
100 %		40	0.0209	0.0076	2505.50005	2519.90002
100 %		50	-0.0170	0.0139	2505.49996	2519.90003
Lowest voltage	3.700	20	0.0214	0.0237	2505.50005	2519.90006

▣ PCC Channel:	20828	
▣ PCC Frequency:	2507.8	MHz
▣ PCC BandWidth:	15	MHz
▣ SCC Channel:	20999	
▣ SCC Frequency:	2524.9	MHz
▣ SCC BandWidth:	20	MHz
▣ Voltage :	4.200	VDC
▣ LIMIT:	Emission must remain in band	

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	-0.0087	-0.0048	2507.79998	2524.89999
100 %		-30	-0.0126	0.0136	2507.79997	2524.90003
100 %		-20	0.0071	0.0068	2507.80002	2524.90002
100 %		-10	0.0060	0.0078	2507.80002	2524.90002
100 %		0	0.0151	-0.0210	2507.80004	2524.89995
100 %		10	0.0138	0.0071	2507.80003	2524.90002
100 %		30	0.0131	0.0166	2507.80003	2524.90004
100 %		40	-0.0138	0.0234	2507.79997	2524.90006
100 %		50	0.0180	-0.0088	2507.80005	2524.89998
Lowest voltage	3.700	20	-0.0094	0.0231	2507.79998	2524.90006

▣ PCC Channel:	20850	
▣ PCC Frequency:	2510.0	MHz
▣ PCC BandWidth:	20	MHz
▣ SCC Channel:	21048	
▣ SCC Frequency:	2529.8	MHz
▣ SCC BandWidth:	20	MHz
▣ Voltage :	4.200	VDC
▣ LIMIT:	Emission must remain in band	

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	-0.0124	-0.0229	2509.99997	2529.79994
100 %		-30	0.0161	-0.0195	2510.00004	2529.79995
100 %		-20	0.0209	-0.0195	2510.00005	2529.79995
100 %		-10	-0.0082	-0.0160	2509.99998	2529.79996
100 %		0	-0.0083	-0.0159	2509.99998	2529.79996
100 %		10	-0.0117	-0.0211	2509.99997	2529.79995
100 %		30	0.0130	0.0200	2510.00003	2529.80005
100 %		40	0.0186	0.0236	2510.00005	2529.80006
100 %		50	-0.0108	0.0161	2509.99997	2529.80004
Lowest voltage	3.700	20	0.0215	-0.0151	2510.00005	2529.79996

▣ PCC Channel:	21206	
▣ PCC Frequency:	2545.6	MHz
▣ PCC BandWidth:	10	MHz
▣ SCC Channel:	21350	
▣ SCC Frequency:	2560.0	MHz
▣ SCC BandWidth:	20	MHz
▣ Voltage :	4.200	VDC
▣ LIMIT:	Emission must remain in band	

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	0.0065	0.0080	2545.60002	2560.00002
100 %		-30	0.0228	-0.0234	2545.60006	2559.99994
100 %		-20	-0.0136	0.0180	2545.59997	2560.00005
100 %		-10	0.0169	0.0099	2545.60004	2560.00003
100 %		0	0.0206	0.0167	2545.60005	2560.00004
100 %		10	0.0138	0.0104	2545.60004	2560.00003
100 %		30	-0.0107	-0.0087	2545.59997	2559.99998
100 %		40	0.0167	0.0150	2545.60004	2560.00004
100 %		50	-0.0171	-0.0234	2545.59996	2559.99994
Lowest voltage	3.700	20	0.0134	0.0101	2545.60003	2560.00003

▣ PCC Channel:	21179	
▣ PCC Frequency:	2542.9	MHz
▣ PCC BandWidth:	15	MHz
▣ SCC Channel:	21350	
▣ SCC Frequency:	2560.0	MHz
▣ SCC BandWidth:	20	MHz
▣ Voltage :	4.200	VDC
▣ LIMIT:	Emission must remain in band	

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	-0.0218	0.0181	2542.89994	2560.00005
100 %		-30	0.0231	-0.0228	2542.90006	2559.99994
100 %		-20	0.0074	0.0146	2542.90002	2560.00004
100 %		-10	-0.0169	0.0166	2542.89996	2560.00004
100 %		0	0.0109	0.0179	2542.90003	2560.00005
100 %		10	0.0112	-0.0135	2542.90003	2559.99997
100 %		30	0.0223	0.0137	2542.90006	2560.00004
100 %		40	-0.0130	-0.0157	2542.89997	2559.99996
100 %		50	0.0096	-0.0180	2542.90002	2559.99995
Lowest voltage	3.700	20	0.0206	0.0130	2542.90005	2560.00003

- ▣ PCC Channel: 21152
- ▣ PCC Frequency: 2540.2 MHz
- ▣ PCC BandWidth: 20 MHz
- ▣ SCC Channel: 21350
- ▣ SCC Frequency: 2560.0 MHz
- ▣ SCC BandWidth: 20 MHz
- ▣ Voltage : 4.200 VDC
- ▣ LIMIT: Emission must remain in band

Voltage (%)	Power (VDC)	Temp. (°C)	PPM		Frequency Error (MHz)	
			PCC	SCC	PCC	SCC
100 %	4.200	+20(Ref)	-0.0176	0.0089	2540.19996	2560.00002
100 %		-30	0.0160	-0.0096	2540.20004	2559.99998
100 %		-20	0.0200	0.0186	2540.20005	2560.00005
100 %		-10	-0.0108	-0.0202	2540.19997	2559.99995
100 %		0	0.0106	0.0070	2540.20003	2560.00002
100 %		10	0.0172	0.0042	2540.20004	2560.00001
100 %		30	0.0228	-0.0237	2540.20006	2559.99994
100 %		40	0.0106	0.0087	2540.20003	2560.00002
100 %		50	-0.0226	0.0082	2540.19994	2560.00002
Lowest voltage	3.700	20	0.0163	0.0157	2540.20004	2560.00004

8.6 Radiated Spurious Emissions

▣ PCC Channel :	20825 (2507.5 MHz)
▣ PCC BW(MHz) :	15
▣ PCC RB/ RB Offset :	1/ 74
▣ SCC Channel :	20945 (2519.5 MHz)
▣ SCC BW(MHz) :	10
▣ SCC RB/ RB Offset :	1/0
▣ DISTANCE:	1 meters
▣ LIMIT:	-25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 027.00	-55.10	10.90	-62.04	3.67	V	-54.81
7 540.50	-53.71	11.62	-56.15	4.61	H	-49.14
10 054.00	-53.60	11.38	-53.15	5.48	H	-47.26
12 567.50	-54.45	13.08	-50.83	6.25	V	-44.00
15 081.00	-61.94	14.44	-43.98	6.82	V	-36.37

☐ PCC Channel : 21051 (2530.1 MHz)
☐ PCC BW(MHz) : 15
☐ PCC RB/ RB Offset : 1/ 74
☐ SCC Channel : 21171 (2542.1 MHz)
☐ SCC BW(MHz) : 10
☐ SCC RB/ RB Offset : 1/ 0
☐ DISTANCE: 1 meters
☐ LIMIT: -25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 072.20	-54.26	10.92	-61.02	3.80	V	-53.90
7 608.30	-54.25	11.65	-56.43	4.64	H	-49.42
10 144.40	-53.89	11.34	-53.25	5.48	V	-47.39
12 680.50	-55.24	12.87	-51.20	6.23	H	-44.56
15 216.60	-62.00	14.82	-43.56	6.82	V	-35.56

☐ PCC Channel : 21277 (2552.7 MHz)
☐ PCC BW(MHz) : 15
☐ PCC RB/ RB Offset : 1/ 74
☐ SCC Channel : 21397 (2564.7 MHz)
☐ SCC BW(MHz) : 10
☐ SCC RB/ RB Offset : 1/ 0
☐ DISTANCE: 1 meters
☐ LIMIT: -25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 117.40	-54.58	11.00	-61.69	3.81	H	-54.50
7 676.10	-53.57	11.60	-55.55	4.70	V	-48.64
10 234.80	-53.29	11.40	-52.83	5.54	H	-46.98
12 793.50	-55.43	12.76	-51.16	6.22	V	-44.62
15 352.20	-62.68	15.19	-43.33	6.87	H	-35.02

8.7 Occupied Bandwidth

PCC					SCC					Data (MHz)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	
10	21006	2525.6	QPSK	50/0	20	21150	2540	QPSK	100/0	27.633
15	21051	2530.1	QPSK	75/0	10	21171	2542.1	QPSK	50/0	23.114
15	21025	2527.5	QPSK	75/0	15	21175	2542.5	QPSK	75/0	28.319
15	21003	2525.3	QPSK	75/0	20	21174	2542.4	QPSK	100/0	32.540
20	21051	2530.1	QPSK	100/0	10	21195	2544.5	QPSK	50/0	27.771
20	21026	2527.6	QPSK	100/0	15	21197	2544.7	QPSK	75/0	32.717
20	21001	2525.1	QPSK	100/0	20	21199	2544.9	QPSK	100/0	37.528

PCC					SCC					Data (MHz)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	
10	21006	2525.6	16QAM	50/0	20	21150	2540	16QAM	100/0	27.681
15	21051	2530.1	16QAM	75/0	10	21171	2542.1	16QAM	50/0	23.089
15	21025	2527.5	16QAM	75/0	15	21175	2542.5	16QAM	75/0	28.326
15	21003	2525.3	16QAM	75/0	20	21174	2542.4	16QAM	100/0	32.559
20	21051	2530.1	16QAM	100/0	10	21195	2544.5	16QAM	50/0	27.724
20	21026	2527.6	16QAM	100/0	15	21197	2544.7	16QAM	75/0	32.616
20	21001	2525.1	16QAM	100/0	20	21199	2544.9	16QAM	100/0	37.506

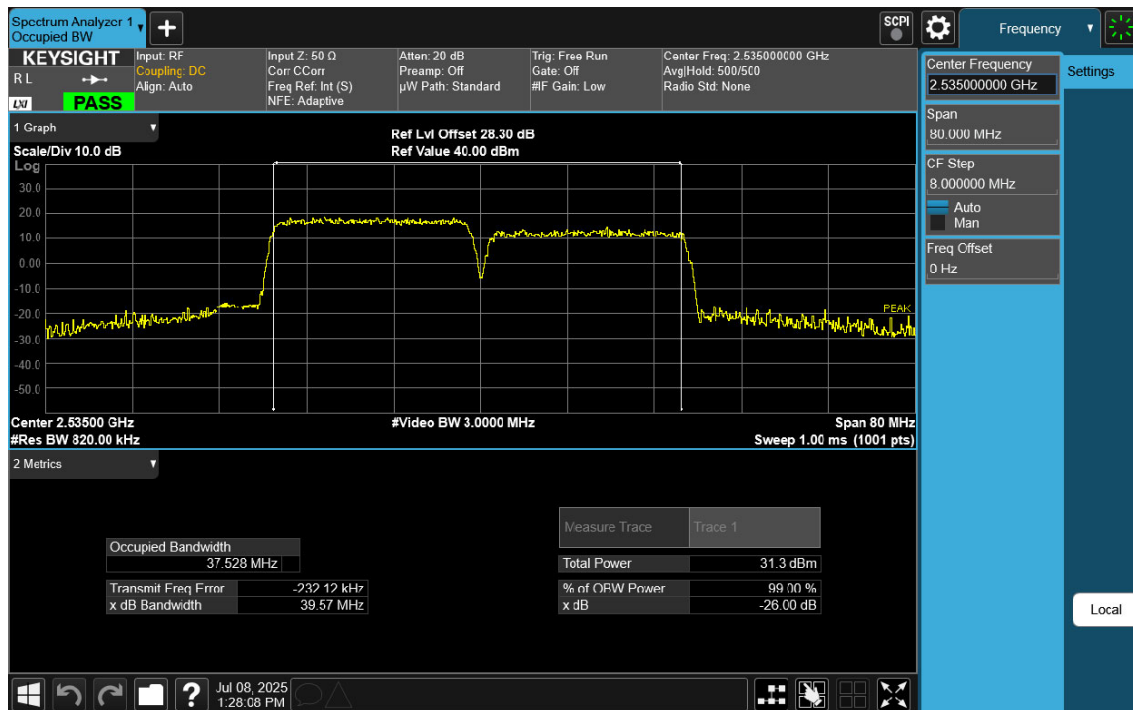
PCC					SCC					Data (MHz)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	
10	21006	2525.6	64QAM	50/0	20	21150	2540	64QAM	100/0	27.517
15	21051	2530.1	64QAM	75/0	10	21171	2542.1	64QAM	50/0	23.054
15	21025	2527.5	64QAM	75/0	15	21175	2542.5	64QAM	75/0	28.260
15	21003	2525.3	64QAM	75/0	20	21174	2542.4	64QAM	100/0	32.460
20	21051	2530.1	64QAM	100/0	10	21195	2544.5	64QAM	50/0	27.673
20	21026	2527.6	64QAM	100/0	15	21197	2544.7	64QAM	75/0	32.528
20	21001	2525.1	64QAM	100/0	20	21199	2544.9	64QAM	100/0	37.363

PCC					SCC					Data (MHz)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/ Offset	
10	21006	2525.6	256QAM	50/0	20	21150	2540	256QAM	100/0	27.622
15	21051	2530.1	256QAM	75/0	10	21171	2542.1	256QAM	50/0	23.065
15	21025	2527.5	256QAM	75/0	15	21175	2542.5	256QAM	75/0	28.266
15	21003	2525.3	256QAM	75/0	20	21174	2542.4	256QAM	100/0	32.519
20	21051	2530.1	256QAM	100/0	10	21195	2544.5	256QAM	50/0	27.721
20	21026	2527.6	256QAM	100/0	15	21197	2544.7	256QAM	75/0	32.570
20	21001	2525.1	256QAM	100/0	20	21199	2544.9	256QAM	100/0	37.525

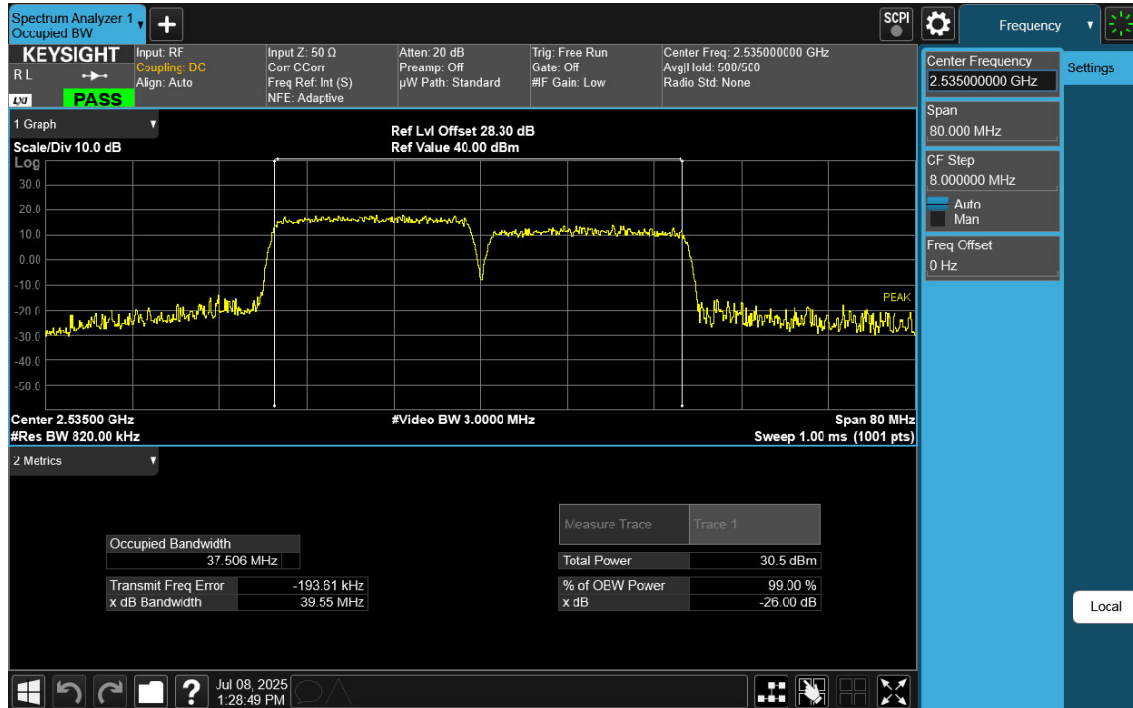
Note:

In order to simplify the report, attached plots were only Max.Bandwidth(20+20)

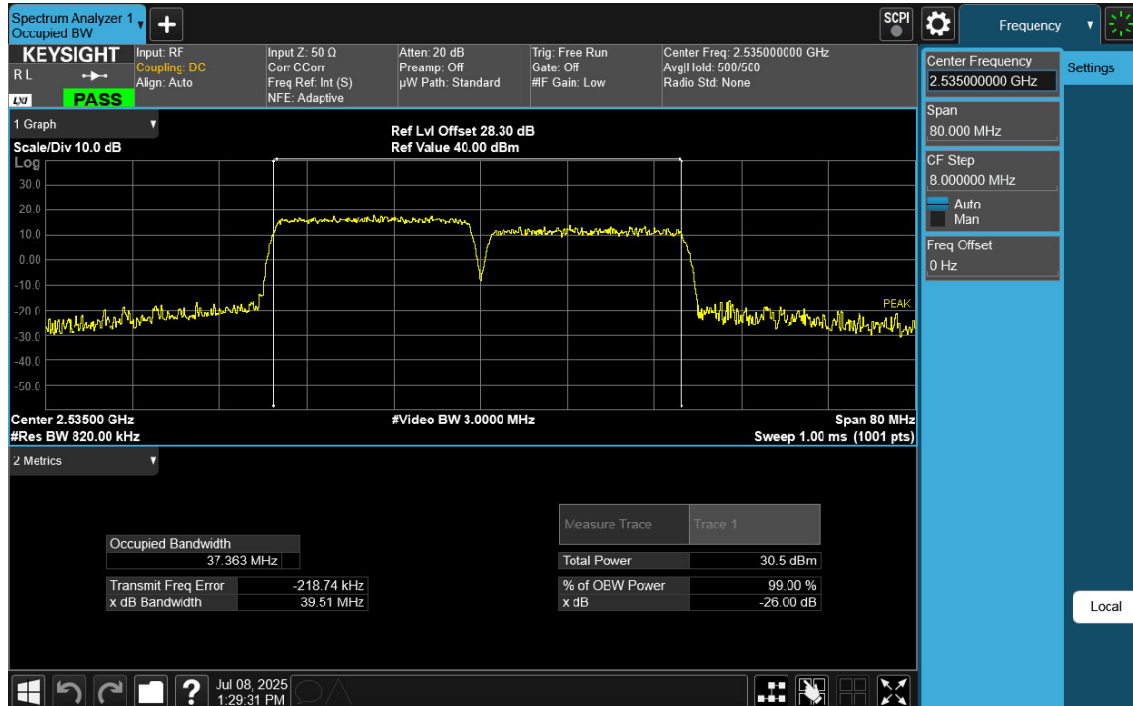
PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(QPSK)



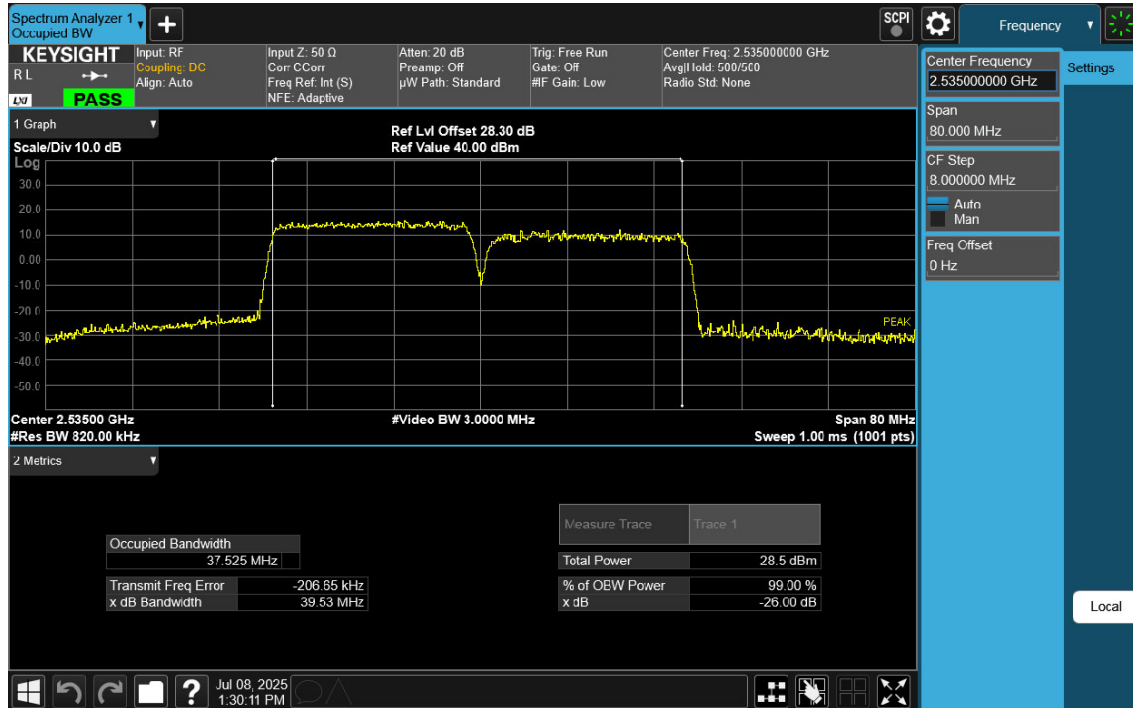
PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(16QAM)



PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(64QAM)



PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(256QAM)



8.8 Peak- to- Average Ratio

PCC					SCC					Data (dBm)	Limit (dB)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset		
10	21006	2525.6	QPSK	50/0	20	21150	2540	QPSK	100/0	5.66	13.00
15	21051	2530.1	QPSK	75/0	10	21171	2542.1	QPSK	50/0	5.71	
15	21025	2527.5	QPSK	75/0	15	21175	2542.5	QPSK	75/0	6.31	
15	21003	2525.3	QPSK	75/0	20	21174	2542.4	QPSK	100/0	5.74	
20	21051	2530.1	QPSK	100/0	10	21195	2544.5	QPSK	50/0	5.51	
20	21026	2527.6	QPSK	100/0	15	21197	2544.7	QPSK	75/0	5.69	
20	21001	2525.1	QPSK	100/0	20	21199	2544.9	QPSK	100/0	6.15	

PCC					SCC					Data (dBm)	Limit (dB)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset		
10	21006	2525.6	16QAM	50/0	20	21150	2540	16QAM	100/0	6.42	13.00
15	21051	2530.1	16QAM	75/0	10	21171	2542.1	16QAM	50/0	6.31	
15	21025	2527.5	16QAM	75/0	15	21175	2542.5	16QAM	75/0	6.74	
15	21003	2525.3	16QAM	75/0	20	21174	2542.4	16QAM	100/0	6.25	
20	21051	2530.1	16QAM	100/0	10	21195	2544.5	16QAM	50/0	6.40	
20	21026	2527.6	16QAM	100/0	15	21197	2544.7	16QAM	75/0	6.36	
20	21001	2525.1	16QAM	100/0	20	21199	2544.9	16QAM	100/0	6.69	

PCC					SCC					Data (dBm)	Limit (dB)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset		
10	21006	2525.6	64QAM	50/0	20	21150	2540	64QAM	100/0	6.38	13.00
15	21051	2530.1	64QAM	75/0	10	21171	2542.1	64QAM	50/0	6.51	
15	21025	2527.5	64QAM	75/0	15	21175	2542.5	64QAM	75/0	7.31	
15	21003	2525.3	64QAM	75/0	20	21174	2542.4	64QAM	100/0	6.45	
20	21051	2530.1	64QAM	100/0	10	21195	2544.5	64QAM	50/0	6.50	
20	21026	2527.6	64QAM	100/0	15	21197	2544.7	64QAM	75/0	6.55	
20	21001	2525.1	64QAM	100/0	20	21199	2544.9	64QAM	100/0	7.05	

PCC					SCC					Data (dBm)	Limit (dB)
BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset	BW [MHz]	Ch	Freq [MHz]	Mod	RB/Offset		
10	21006	2525.6	256QAM	50/0	20	21150	2540	256QAM	100/0	6.28	13.00
15	21051	2530.1	256QAM	75/0	10	21171	2542.1	256QAM	50/0	6.60	
15	21025	2527.5	256QAM	75/0	15	21175	2542.5	256QAM	75/0	7.12	
15	21003	2525.3	256QAM	75/0	20	21174	2542.4	256QAM	100/0	6.45	
20	21051	2530.1	256QAM	100/0	10	21195	2544.5	256QAM	50/0	6.65	
20	21026	2527.6	256QAM	100/0	15	21197	2544.7	256QAM	75/0	6.53	
20	21001	2525.1	256QAM	100/0	20	21199	2544.9	256QAM	100/0	7.06	

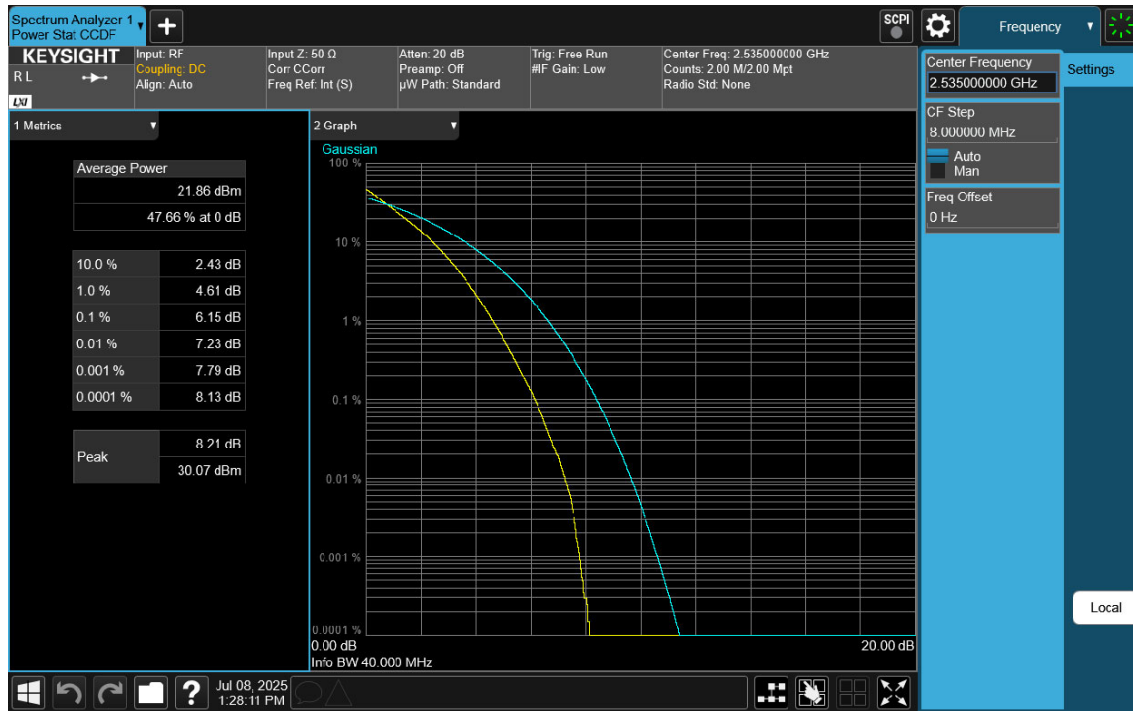
Note:

1. P.A.P.R is not required. These values are reported for information only.

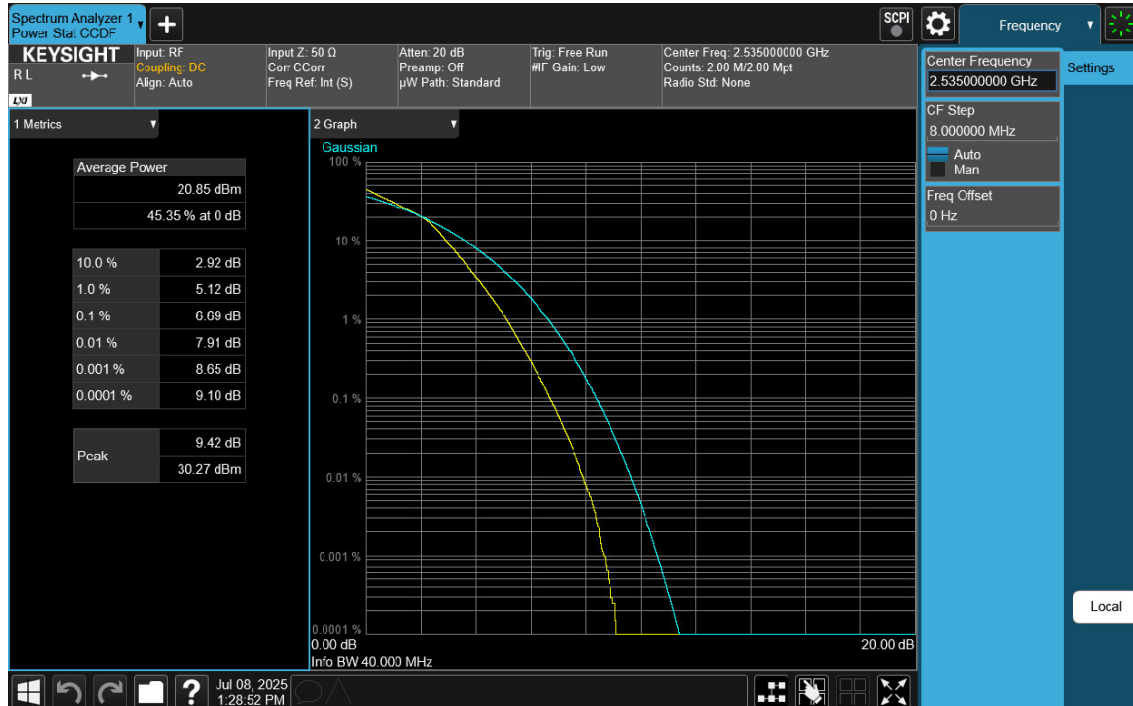
Note:

In order to simplify the report, attached plots were only Max.Bandwidth(20+20)

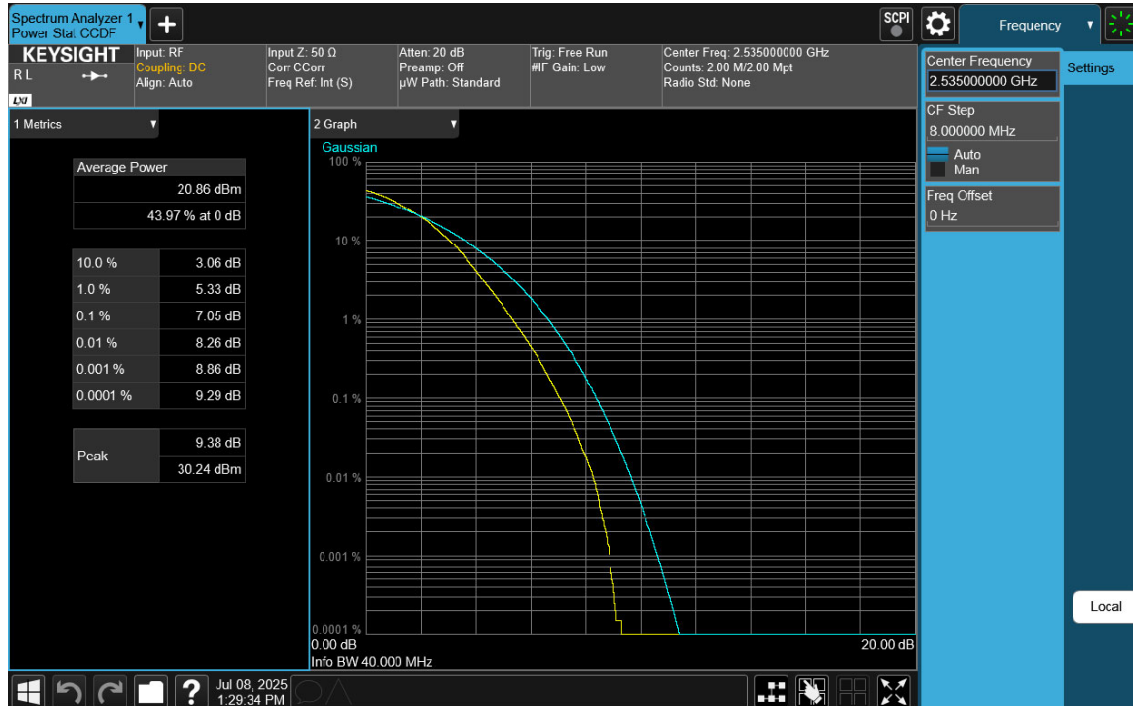
PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(QPSK)



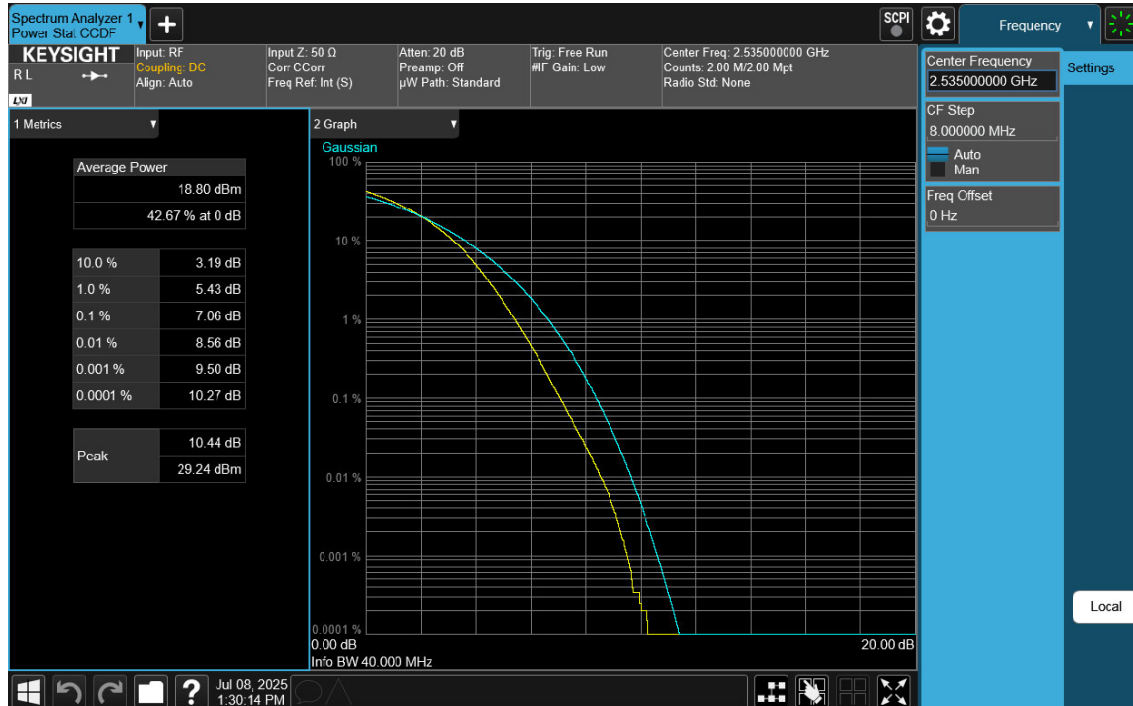
PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(16QAM)



PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(64QAM)



PCC 20 MHz Ch21001 RB100 Offset0, SCC 20 MHz Ch21199 RB100 Offset0_(256QAM)



9. TEST DATA (Int.BUA)

9.1 Equivalent Isotropic Radiated Power

	PCC			SCC			Measured	Substitute	Ant.	C.L	Pol.	E.I.R.P	
	BW [MHz]	Channel	RB/ Offset	BW [MHz]	Channel	RB/ Offset	Level (dBm)	Level (dBm)	Gain (dBi)			W	dBm
Low	10	20805	1/49	20	20949	1/0	-24.99	13.54	10.26	2.51	H	0.135	21.29
	15	20825	1/74	10	20945	1/0	-24.55	13.98	10.26	2.51	H	0.149	21.73
	15	20825	1/74	15	20975	1/0	-24.97	13.60	10.26	2.53	H	0.136	21.33
	15	20828	1/74	20	20999	1/0	-24.87	13.70	10.26	2.53	H	0.139	21.43
	20	20850	1/99	10	20994	1/0	-25.07	13.50	10.26	2.53	H	0.133	21.23
	20	20850	1/99	15	21021	1/0	-25.26	13.35	10.26	2.54	H	0.128	21.06
	20	20850	1/99	20	21048	1/0	-25.12	13.49	10.26	2.54	H	0.132	21.20
Mid	10	21006	1/49	20	21150	1/0	-25.68	13.08	10.25	2.54	H	0.120	20.78
	15	21051	1/74	10	21171	1/0	-25.20	13.63	10.25	2.54	H	0.136	21.35
	15	21025	1/74	15	21175	1/0	-25.17	13.66	10.25	2.54	H	0.137	21.38
	15	21003	1/74	20	21174	1/0	-25.12	13.64	10.25	2.54	H	0.136	21.34
	20	21051	1/99	10	21195	1/0	-25.52	13.31	10.25	2.54	H	0.127	21.03
	20	21026	1/99	15	21197	1/0	-25.24	13.59	10.25	2.54	H	0.135	21.31
	20	21001	1/99	20	21199	1/0	-25.26	13.57	10.25	2.54	H	0.135	21.29
High	10	21206	1/49	20	21350	1/0	-25.52	13.49	10.24	2.53	H	0.132	21.20
	15	21277	1/74	10	21397	1/0	-25.31	13.73	10.26	2.59	H	0.138	21.40
	15	21225	1/74	15	21375	1/0	-25.34	13.69	10.25	2.56	H	0.137	21.38
	15	21179	1/74	20	21350	1/0	-25.27	13.74	10.24	2.53	H	0.140	21.45
	20	21251	1/99	10	21395	1/0	-25.73	13.31	10.26	2.59	H	0.125	20.98
	20	21201	1/99	15	21372	1/0	-25.50	13.51	10.24	2.53	H	0.133	21.22
	20	21152	1/99	20	21350	1/0	-25.40	13.61	10.24	2.53	H	0.136	21.32

Note:

1. Modulation : QPSK
2. Limit : < 2 Watts

PCC			SCC			Measured	Substitute	Ant.			E.I.R.P	
BW [MHz]	Channel	RB/ Offset	BW [MHz]	Channel	RB/ Offset	Level (dBm)	Level (dBm)	Gain (dBi)	C.L	Pol.	W	dBm
10	20805	1/49	20	20949	1/0	-25.70	12.83	10.26	2.51	H	0.114	20.58
15	20825	1/74	10	20945	1/0	-25.16	13.37	10.26	2.51	H	0.129	21.12
15	20825	1/74	15	20975	1/0	-25.41	13.16	10.26	2.53	H	0.123	20.89
15	20828	1/74	20	20999	1/0	-25.06	13.51	10.26	2.53	H	0.133	21.24
20	20850	1/99	10	20994	1/0	-25.60	12.97	10.26	2.53	H	0.118	20.70
20	20850	1/99	15	21021	1/0	-25.75	12.86	10.26	2.54	H	0.114	20.57
20	20850	1/99	20	21048	1/0	-25.59	13.02	10.26	2.54	H	0.118	20.73
15	21003	1/74	20	21174	1/0	-25.76	13.00	10.25	2.54	H	0.118	20.70
15	21179	1/74	20	21350	1/0	-25.64	13.37	10.24	2.53	H	0.128	21.08

Note:

1. Modulation : 16QAM
2. Limit : < 2 Watts

PCC			SCC			Measured	Substitute	Ant.			E.I.R.P	
BW [MHz]	Channel	RB/ Offset	BW [MHz]	Channel	RB/ Offset	Level (dBm)	Level (dBm)	Gain (dBi)	C.L	Pol.	W	dBm
10	20805	1/49	20	20949	1/0	-27.87	10.66	10.26	2.51	H	0.069	18.41
15	20825	1/74	10	20945	1/0	-27.37	11.16	10.26	2.51	H	0.078	18.91
15	20825	1/74	15	20975	1/0	-27.48	11.09	10.26	2.53	H	0.076	18.82
15	20828	1/74	20	20999	1/0	-27.42	11.15	10.26	2.53	H	0.077	18.88
20	20850	1/99	10	20994	1/0	-27.64	10.93	10.26	2.53	H	0.073	18.66
20	20850	1/99	15	21021	1/0	-27.91	10.70	10.26	2.54	H	0.069	18.41
20	20850	1/99	20	21048	1/0	-27.69	10.92	10.26	2.54	H	0.073	18.63
15	21003	1/74	20	21174	1/0	-27.58	11.18	10.25	2.54	H	0.077	18.88
15	21179	1/74	20	21350	1/0	-27.87	11.14	10.24	2.53	H	0.077	18.85

Note:

1. Modulation : 64QAM
2. Limit : < 2 Watts

PCC			SCC			Measured	Substitute	Ant.			E.I.R.P	
BW [MHz]	Channel	RB/ Offset	BW [MHz]	Channel	RB/ Offset	Level (dBm)	Level (dBm)	Gain (dBi)	C.L	Pol.	W	dBm
10	20805	1/49	20	20949	1/0	-29.66	8.87	10.26	2.51	H	0.046	16.62
15	20825	1/74	10	20945	1/0	-29.31	9.22	10.26	2.51	H	0.050	16.97
15	20825	1/74	15	20975	1/0	-29.44	9.13	10.26	2.53	H	0.049	16.86
15	20828	1/74	20	20999	1/0	-29.15	9.42	10.26	2.53	H	0.052	17.15
20	20850	1/99	10	20994	1/0	-29.55	9.02	10.26	2.53	H	0.047	16.75
20	20850	1/99	15	21021	1/0	-29.57	9.04	10.26	2.54	H	0.047	16.75
20	20850	1/99	20	21048	1/0	-29.69	8.92	10.26	2.54	H	0.046	16.63
15	21003	1/74	20	21174	1/0	-29.34	9.42	10.25	2.54	H	0.052	17.12
15	21179	1/74	20	21350	1/0	-29.78	9.23	10.24	2.53	H	0.049	16.94

Note:

1. Modulation : 256QAM
2. Limit : < 2 Watts

9.2 Radiated Spurious Emissions

▣ PCC Channel :	20825 (2507.5 MHz)
▣ PCC BW(MHz) :	15
▣ PCC RB/ RB Offset :	1/ 74
▣ SCC Channel :	20945 (2519.5 MHz)
▣ SCC BW(MHz) :	10
▣ SCC RB/ RB Offset :	1/0
▣ DISTANCE:	1 meters
▣ LIMIT:	-25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 027.00	-54.78	10.90	-61.72	3.67	H	-54.49
7 540.50	-53.70	11.62	-56.14	4.61	H	-49.13
10 054.00	-53.89	11.38	-53.44	5.48	H	-47.55
12 567.50	-56.07	13.08	-52.45	6.25	V	-45.62
15 081.00	-61.23	14.44	-43.27	6.82	V	-35.66

☐ PCC Channel : 21025 (2527.5 MHz)
☐ PCC BW(MHz) : 15
☐ PCC RB/ RB Offset : 1/ 74
☐ SCC Channel : 21175 (2542.5 MHz)
☐ SCC BW(MHz) : 15
☐ SCC RB/ RB Offset : 1/ 0
☐ DISTANCE: 1 meters
☐ LIMIT: -25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 070.00	-53.73	10.92	-60.49	3.80	H	-53.37
7 605.00	-53.31	11.66	-55.50	4.64	H	-48.48
10 140.00	-53.70	11.34	-53.06	5.48	H	-47.20
12 675.00	-55.84	12.88	-51.81	6.24	V	-45.17
15 210.00	-61.97	14.81	-43.54	6.81	V	-35.55

☐ PCC Channel : 21179 (2542.9 MHz)
☐ PCC BW(MHz) : 15
☐ PCC RB/ RB Offset : 1/ 74
☐ SCC Channel : 21350 (2560.0 MHz)
☐ SCC BW(MHz) : 20
☐ SCC RB/ RB Offset : 1/ 0
☐ DISTANCE: 1 meters
☐ LIMIT: -25.0 dBm

Freq.(MHz)	Measured Level [dBm]	Ant. Gain (dBi)	Substitute Level [dBm]	C.L	Pol.	Result (dBm)
5 102.90	-54.55	10.95	-61.27	3.78	V	-54.10
7 654.35	-53.19	11.64	-55.25	4.68	V	-48.30
10 205.80	-52.80	11.36	-52.30	5.54	H	-46.48
12 757.25	-55.09	12.77	-50.79	6.23	H	-44.24
15 308.70	-62.15	15.08	-43.19	6.83	V	-34.93

10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2507-FC095-P