BAND EDGE

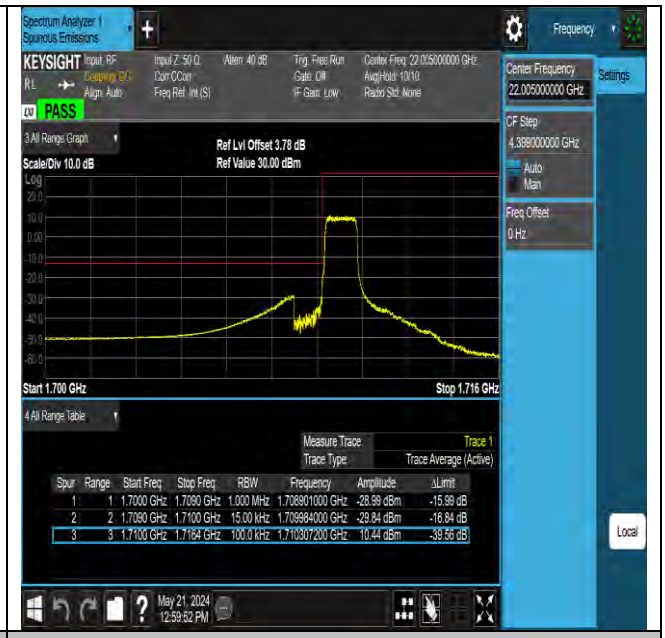
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-25.87	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.99	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-27.98	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.74	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-24.01	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-28.21	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-26.46	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-29.21	PASS
Band66	3MHz	QPSK	131987	1RB#0	-16.07	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.07	PASS
Band66	3MHz	QPSK	132657	1RB#14	-17.18	PASS
Band66	3MHz	QPSK	132657	15RB#0	-27.21	PASS
Band66	3MHz	16QAM	131987	1RB#0	-15.24	PASS
Band66	3MHz	16QAM	131987	15RB#0	-28.10	PASS
Band66	3MHz	16QAM	132657	1RB#14	-16.48	PASS
Band66	3MHz	16QAM	132657	15RB#0	-27.65	PASS
Band66	5MHz	QPSK	131997	1RB#0	-24.25	PASS
Band66	5MHz	QPSK	131997	25RB#0	-29.78	PASS
Band66	5MHz	QPSK	132647	1RB#24	-24.61	PASS
Band66	5MHz	QPSK	132647	25RB#0	-29.64	PASS
Band66	5MHz	16QAM	131997	1RB#0	-25.32	PASS
Band66	5MHz	16QAM	131997	25RB#0	-28.83	PASS
Band66	5MHz	16QAM	132647	1RB#24	-25.24	PASS
Band66	5MHz	16QAM	132647	25RB#0	-28.54	PASS
Band66	10MHz	QPSK	132022	1RB#0	-33.49	PASS
Band66	10MHz	QPSK	132022	50RB#0	-32.02	PASS
Band66	10MHz	QPSK	132622	1RB#49	-33.45	PASS
Band66	10MHz	QPSK	132622	50RB#0	-31.51	PASS
Band66	10MHz	16QAM	132022	1RB#0	-31.67	PASS
Band66	10MHz	16QAM	132022	50RB#0	-31.93	PASS
Band66	10MHz	16QAM	132622	1RB#49	-32.98	PASS
Band66	10MHz	16QAM	132622	50RB#0	-31.06	PASS
Band66	15MHz	QPSK	132047	1RB#0	-37.95	PASS
Band66	15MHz	QPSK	132047	75RB#0	-32.18	PASS
Band66	15MHz	QPSK	132597	1RB#74	-37.82	PASS
Band66	15MHz	QPSK	132597	75RB#0	-33.08	PASS
Band66	15MHz	16QAM	132047	1RB#0	-36.64	PASS
Band66	15MHz	16QAM	132047	75RB#0	-32.95	PASS
Band66	15MHz	16QAM	132597	1RB#74	-37.05	PASS
Band66	15MHz	16QAM	132597	75RB#0	-32.54	PASS
Band66	20MHz	QPSK	132072	1RB#0	-39.94	PASS
Band66	20MHz	QPSK	132072	100RB#0	-33.97	PASS
Band66	20MHz	QPSK	132572	1RB#99	-40.22	PASS
Band66	20MHz	QPSK	132572	100RB#0	-34.36	PASS
Band66	20MHz	16QAM	132072	1RB#0	-40.21	PASS

Band66	20MHz	16QAM	132072	100RB#0	-34.16	PASS
Band66	20MHz	16QAM	132572	1RB#99	-40.83	PASS
Band66	20MHz	16QAM	132572	100RB#0	-34.16	PASS

Test Graphs

Band66_1.4MHz_QPSK_131979_1RB#0

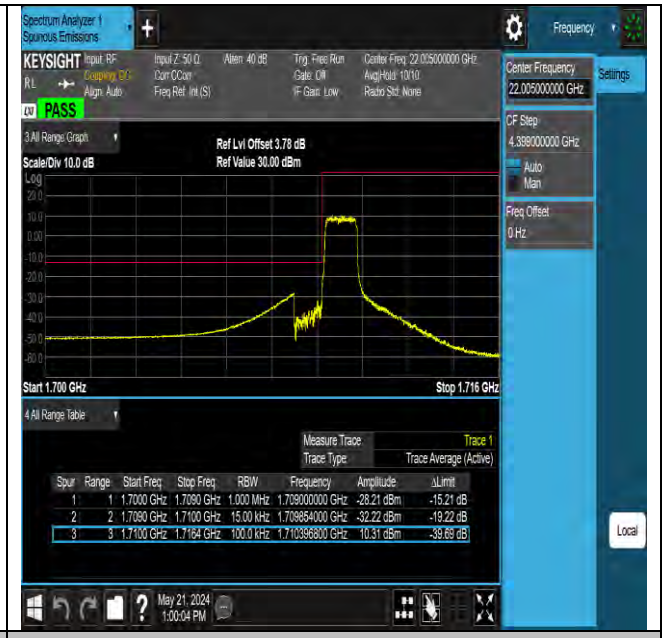


Band66_1.4MHz_QPSK_131979_6RB#0

Band66_1.4MHz_QPSK_132665_1RB#5

Band66_1.4MHz_QPSK_132665_6RB#0

Band66_1.4MHz_16QAM_131979_1RB#0



Band66_1.4MHz_16QAM_131979_6RB#0

Band66_1.4MHz_16QAM_132665_1RB#5

Band66_1.4MHz_16QAM_132665_6RB#0

Band66_3MHz_QPSK_131987_1RB#0

Band66_3MHz_QPSK_131987_15RB#0

Band66_3MHz_QPSK_132657_1RB#14

Band66_3MHz_QPSK_132657_15RB#0

Band66_3MHz_16QAM_131987_1RB#0

Band66_3MHz_16QAM_131987_15RB#0

Band66_3MHz_16QAM_132657_1RB#14

Band66_3MHz_16QAM_132657_15RB#0

Band66_5MHz_QPSK_131997_1RB#0

Band66_5MHz_QPSK_131997_25RB#0

Band66_5MHz_QPSK_132647_1RB#24

Band66_5MHz_QPSK_132647_25RB#0

Band66_5MHz_16QAM_131997_1RB#0

Band66_5MHz_16QAM_131997_25RB#0

Band66_5MHz_16QAM_132647_1RB#24

Band66_5MHz_16QAM_132647_25RB#0

Band66_10MHz_QPSK_132022_1RB#0

Band66_10MHz_QPSK_132022_50RB#0

Band66_10MHz_QPSK_132622_1RB#49

Band66_10MHz_QPSK_132622_50RB#0

Band66_10MHz_16QAM_132022_1RB#0

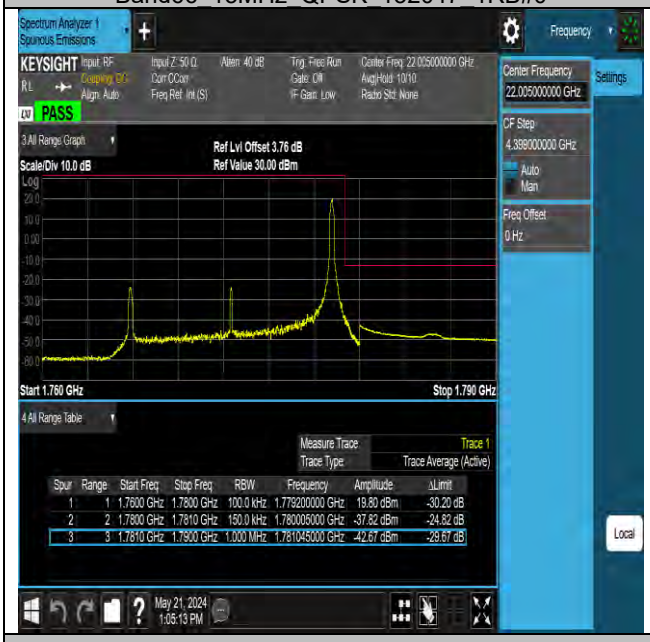
Band66_10MHz_16QAM_132022_50RB#0

Band66_10MHz_16QAM_132622_1RB#49

Band66_10MHz_16QAM_132622_50RB#0

Band66_15MHz_QPSK_132047_1RB#0

Band66_15MHz_QPSK_132047_75RB#0

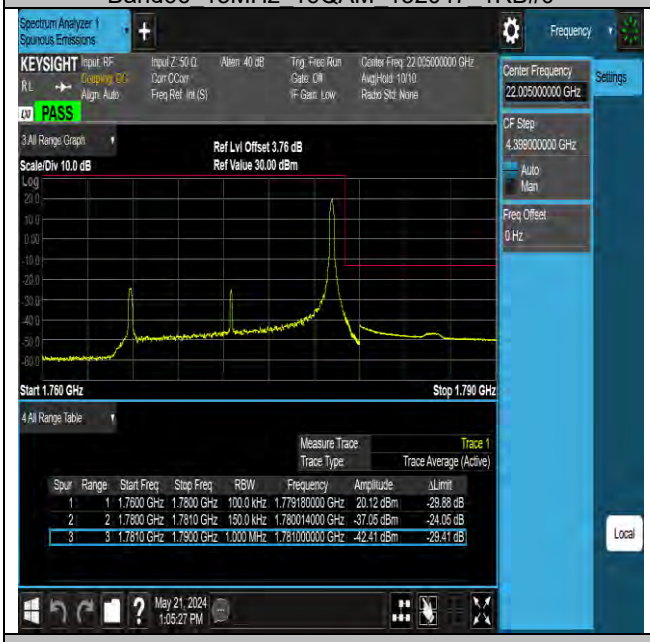


Band66_15MHz_QPSK_132597_1RB#74

Band66_15MHz_QPSK_132597_75RB#0

Band66_15MHz_16QAM_132047_1RB#0

Band66_15MHz_16QAM_132047_75RB#0



Band66_15MHz_16QAM_132597_1RB#74

Band66_15MHz_16QAM_132597_75RB#0

Band66_20MHz_QPSK_132072_1RB#0

Band66_20MHz_QPSK_132072_100RB#0

Band66_20MHz_QPSK_132572_1RB#99

Band66_20MHz_QPSK_132572_100RB#0

Band66_20MHz_16QAM_132072_1RB#0

Band66_20MHz_16QAM_132072_100RB#0

Band66_20MHz_16QAM_132572_1RB#99

Band66_20MHz_16QAM_132572_100RB#0

CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	30~1000	-58.21	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	1000~10000	-38.43	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	10000~20000	-35.96	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	30~1000	-58.19	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	1000~10000	-38.33	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	10000~20000	-35.90	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	30~1000	-58.22	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	1000~10000	-38.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	10000~20000	-35.95	PASS
Band66	3MHz	QPSK	131987	1RB#0	30~1000	-58.16	PASS
Band66	3MHz	QPSK	131987	1RB#0	1000~10000	-38.27	PASS
Band66	3MHz	QPSK	131987	1RB#0	10000~20000	-35.98	PASS
Band66	3MHz	QPSK	132322	1RB#0	30~1000	-58.09	PASS
Band66	3MHz	QPSK	132322	1RB#0	1000~10000	-38.40	PASS
Band66	3MHz	QPSK	132322	1RB#0	10000~20000	-35.90	PASS
Band66	3MHz	QPSK	132657	1RB#0	30~1000	-58.23	PASS
Band66	3MHz	QPSK	132657	1RB#0	1000~10000	-38.50	PASS
Band66	3MHz	QPSK	132657	1RB#0	10000~20000	-35.86	PASS
Band66	5MHz	QPSK	131997	1RB#0	30~1000	-58.20	PASS
Band66	5MHz	QPSK	131997	1RB#0	1000~10000	-38.42	PASS
Band66	5MHz	QPSK	131997	1RB#0	10000~20000	-35.85	PASS
Band66	5MHz	QPSK	132322	1RB#0	30~1000	-58.23	PASS
Band66	5MHz	QPSK	132322	1RB#0	1000~10000	-38.43	PASS
Band66	5MHz	QPSK	132322	1RB#0	10000~20000	-35.89	PASS
Band66	5MHz	QPSK	132647	1RB#0	30~1000	-58.25	PASS
Band66	5MHz	QPSK	132647	1RB#0	1000~10000	-38.38	PASS
Band66	5MHz	QPSK	132647	1RB#0	10000~20000	-35.84	PASS
Band66	10MHz	QPSK	132022	1RB#0	30~1000	-58.10	PASS
Band66	10MHz	QPSK	132022	1RB#0	1000~10000	-38.42	PASS
Band66	10MHz	QPSK	132022	1RB#0	10000~20000	-35.90	PASS
Band66	10MHz	QPSK	132322	1RB#0	30~1000	-58.18	PASS
Band66	10MHz	QPSK	132322	1RB#0	1000~10000	-38.34	PASS
Band66	10MHz	QPSK	132322	1RB#0	10000~20000	-35.85	PASS
Band66	10MHz	QPSK	132622	1RB#0	30~1000	-58.09	PASS
Band66	10MHz	QPSK	132622	1RB#0	1000~10000	-38.37	PASS
Band66	10MHz	QPSK	132622	1RB#0	10000~20000	-35.78	PASS
Band66	15MHz	QPSK	132047	1RB#0	30~1000	-58.23	PASS
Band66	15MHz	QPSK	132047	1RB#0	1000~10000	-38.52	PASS
Band66	15MHz	QPSK	132047	1RB#0	10000~20000	-35.84	PASS
Band66	15MHz	QPSK	132322	1RB#0	30~1000	-58.20	PASS
Band66	15MHz	QPSK	132322	1RB#0	1000~10000	-38.38	PASS
Band66	15MHz	QPSK	132322	1RB#0	10000~20000	-35.86	PASS
Band66	15MHz	QPSK	132597	1RB#0	30~1000	-58.21	PASS
Band66	15MHz	QPSK	132597	1RB#0	1000~10000	-38.38	PASS
Band66	15MHz	QPSK	132597	1RB#0	10000~20000	-35.95	PASS

Band66	20MHz	QPSK	132072	1RB#0	30~1000	-58.18	PASS
Band66	20MHz	QPSK	132072	1RB#0	1000~10000	-38.35	PASS
Band66	20MHz	QPSK	132072	1RB#0	10000~20000	-35.86	PASS
Band66	20MHz	QPSK	132322	1RB#0	30~1000	-58.13	PASS
Band66	20MHz	QPSK	132322	1RB#0	1000~10000	-38.47	PASS
Band66	20MHz	QPSK	132322	1RB#0	10000~20000	-35.97	PASS
Band66	20MHz	QPSK	132572	1RB#0	30~1000	-58.10	PASS
Band66	20MHz	QPSK	132572	1RB#0	1000~10000	-38.39	PASS
Band66	20MHz	QPSK	132572	1RB#0	10000~20000	-35.84	PASS

Test Graphs

Band66_1.4MHz_QPSK_131979_1RB#0_30~1000_30~1000

Band66_1.4MHz_QPSK_131979_1RB#0_1000~10000_1000~10000

Band66_1.4MHz_QPSK_131979_1RB#0_10000~20000_10000~20000

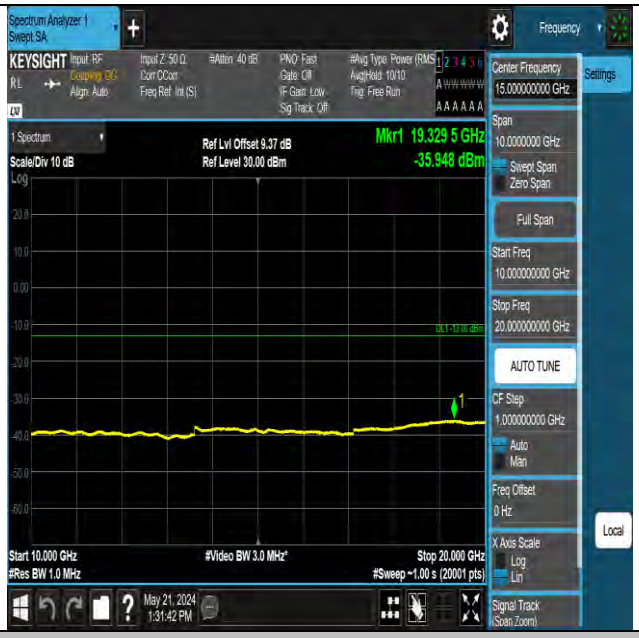
Band66_1.4MHz_QPSK_132322_1RB#0_30~1000_30~1000

Band66_1.4MHz_QPSK_132322_1RB#0_1000~10000_1000~10000

Band66_1.4MHz_QPSK_132322_1RB#0_10000~20000_10000~20000

Band66_1.4MHz_QPSK_132665_1RB#0_30~1000_30~1000

Band66_1.4MHz_QPSK_132665_1RB#0_1000~10000_1000~10000



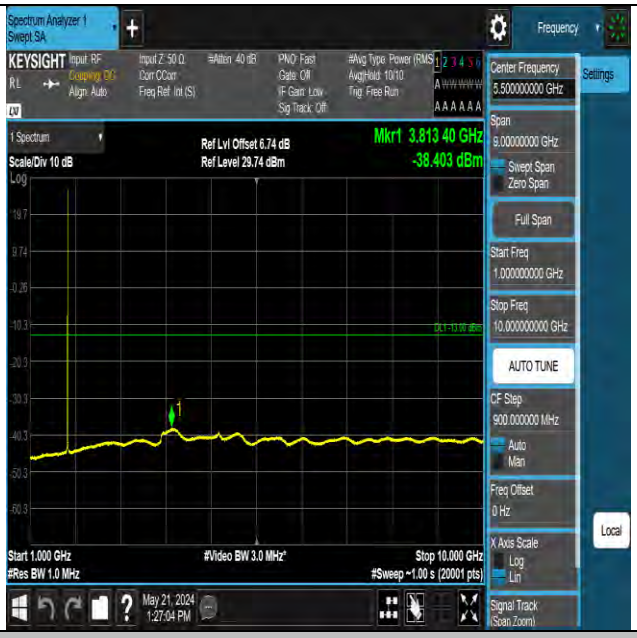
Band66_1.4MHz_QPSK_132665_1RB#0_10000~20000_10000~20000

Band66_3MHz_QPSK_131987_1RB#0_30~1000_30~1000

Band66_3MHz_QPSK_131987_1RB#0_1000~10000_1000~10000

Band66_3MHz_QPSK_131987_1RB#0_10000~20000_10000~20000

Band66_3MHz_QPSK_132322_1RB#0_30~1000_30~1000

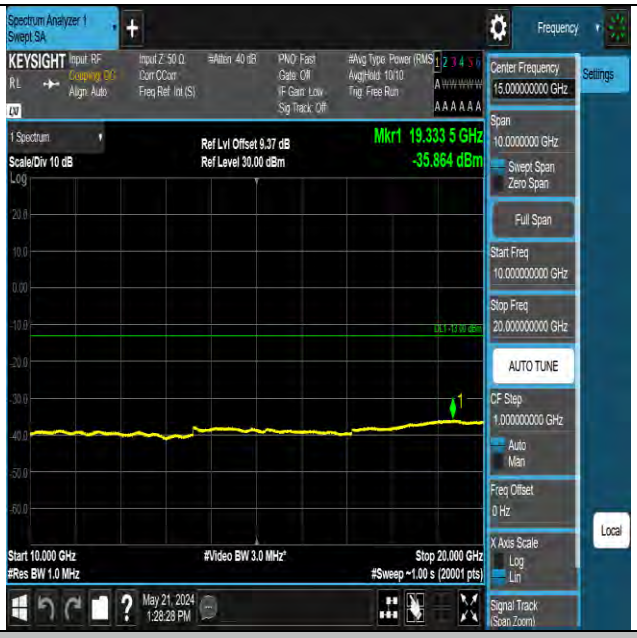


Band66_3MHz_QPSK_132322_1RB#0_1000~10000_1000~10000

Band66_3MHz_QPSK_132322_1RB#0_10000~20000_10000~20000

Band66_3MHz_QPSK_132657_1RB#0_30~1000_30~1000

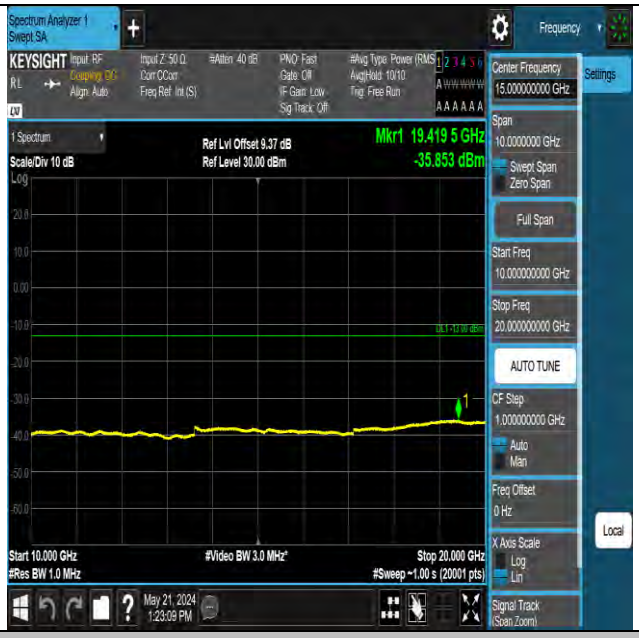
Band66_3MHz_QPSK_132657_1RB#0_1000~10000_1000~10000



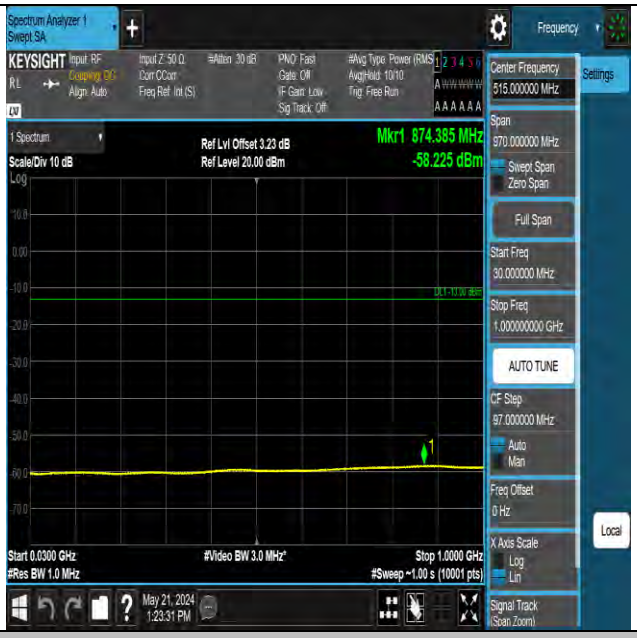
Band66_3MHz_QPSK_132657_1RB#0_10000~20000_10000~20000

Band66_5MHz_QPSK_131997_1RB#0_30~1000_30~1000

Band66_5MHz_QPSK_131997_1RB#0_1000~10000_1000~10000



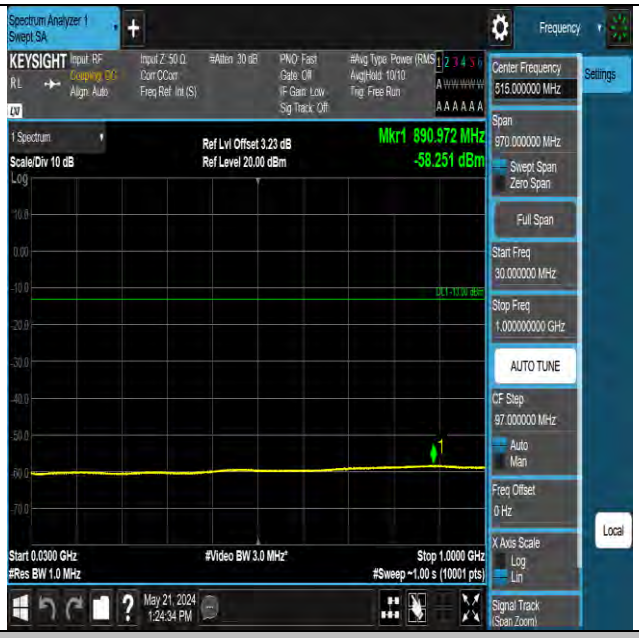
Band66_5MHz_QPSK_131997_1RB#0_10000~20000_10000~20000



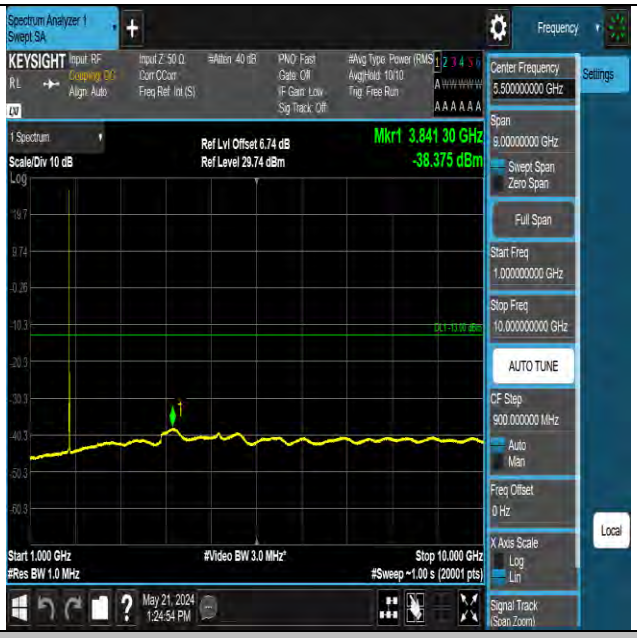
Band66_5MHz_QPSK_132322_1RB#0_30~1000_30~1000

Band66_5MHz_QPSK_132322_1RB#0_1000~10000_1000~10000

Band66_5MHz_QPSK_132322_1RB#0_10000~20000_10000~20000



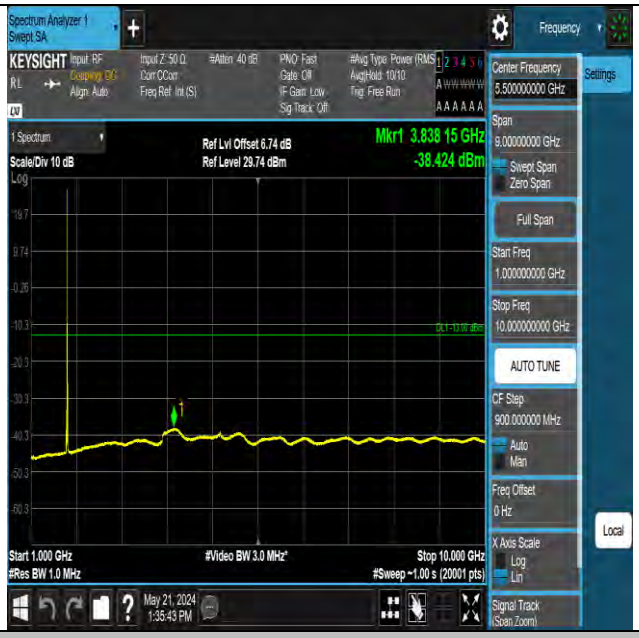
Band66_5MHz_QPSK_132647_1RB#0_30~1000_30~1000



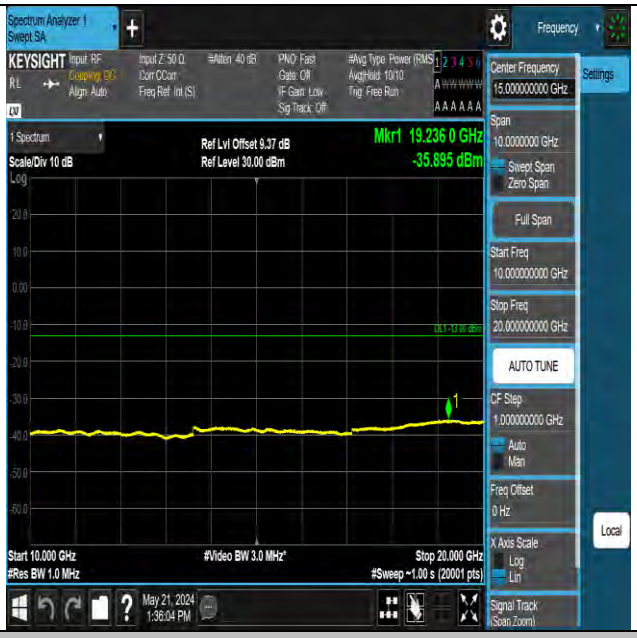
Band66_5MHz_QPSK_132647_1RB#0_1000~10000_1000~10000

Band66_5MHz_QPSK_132647_1RB#0_10000~20000_10000~20000

Band66_10MHz_QPSK_132022_1RB#0_30~1000_30~1000



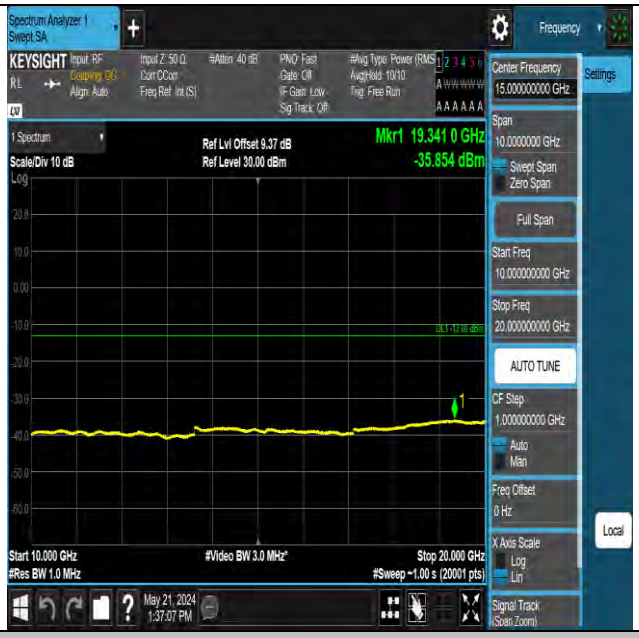
Band66_10MHz_QPSK_132022_1RB#0_1000~10000_1000~10000



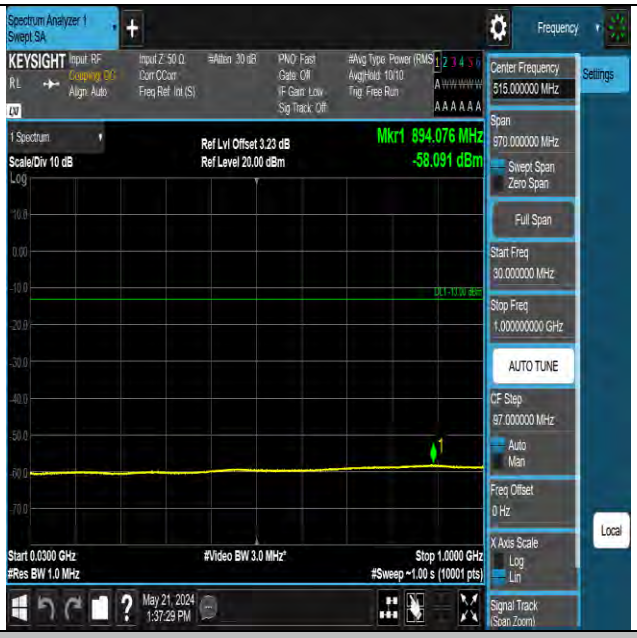
Band66_10MHz_QPSK_132022_1RB#0_10000~20000_10000~20000

Band66_10MHz_QPSK_132322_1RB#0_30~1000_30~1000

Band66_10MHz_QPSK_132322_1RB#0_1000~10000_1000~10000



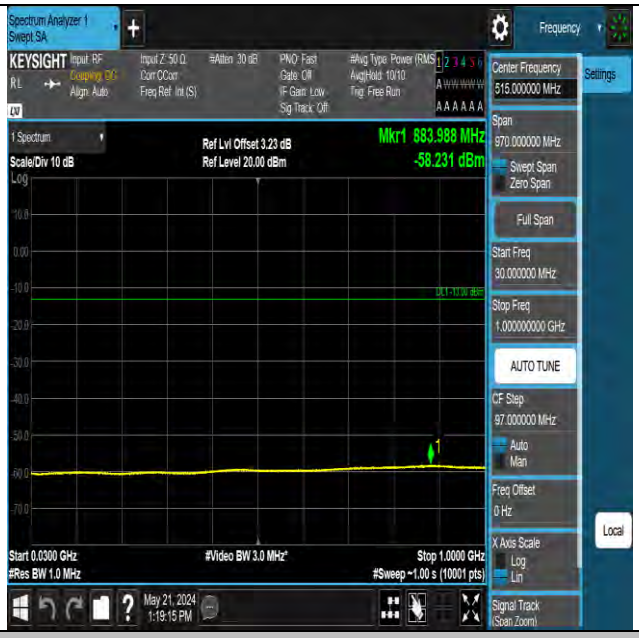
Band66_10MHz_QPSK_132322_1RB#0_10000~20000_10000~20000



Band66_10MHz_QPSK_132622_1RB#0_30~1000_30~1000

Band66_10MHz_QPSK_132622_1RB#0_1000~10000_1000~10000

Band66_10MHz_QPSK_132622_1RB#0_10000~20000_10000~20000



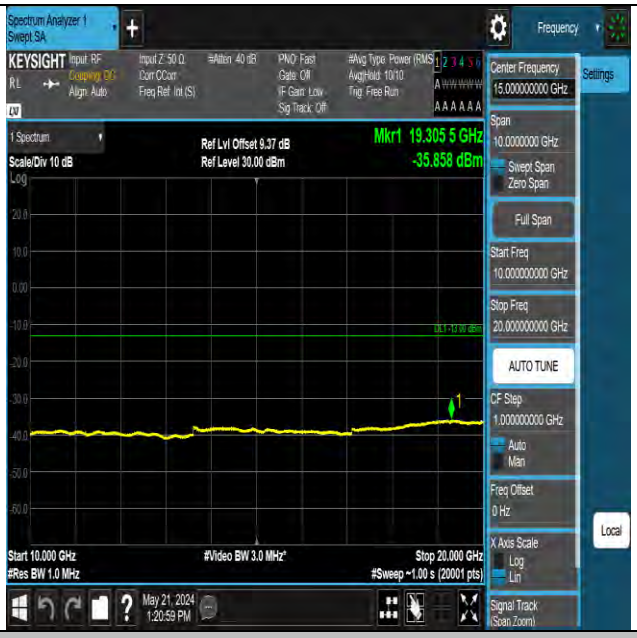
Band66_15MHz_QPSK_132047_1RB#0_30~1000_30~1000

Band66_15MHz_QPSK_132047_1RB#0_1000~10000_1000~10000

Band66_15MHz_QPSK_132047_1RB#0_10000~20000_10000~20000

Band66_15MHz_QPSK_132322_1RB#0_30~1000_30~1000

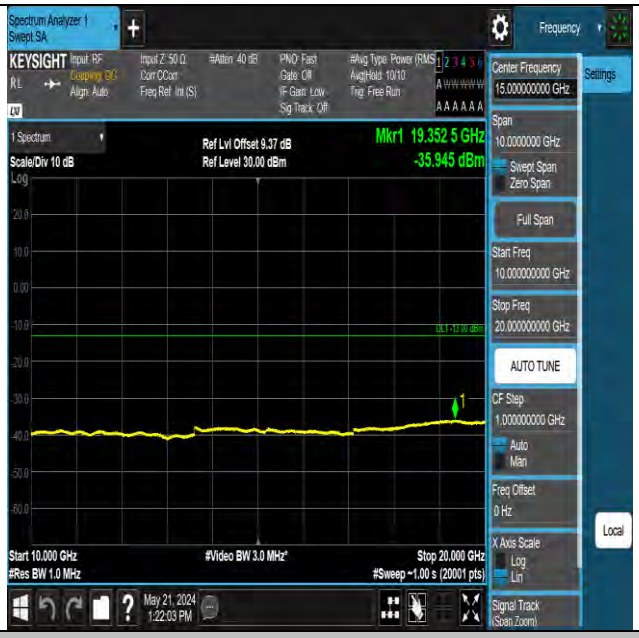
Band66_15MHz_QPSK_132322_1RB#0_1000~10000_1000~10000



Band66_15MHz_QPSK_132322_1RB#0_10000~20000_10000~20000

Band66_15MHz_QPSK_132597_1RB#0_30~1000_30~1000

Band66_15MHz_QPSK_132597_1RB#0_1000~10000_1000~10000

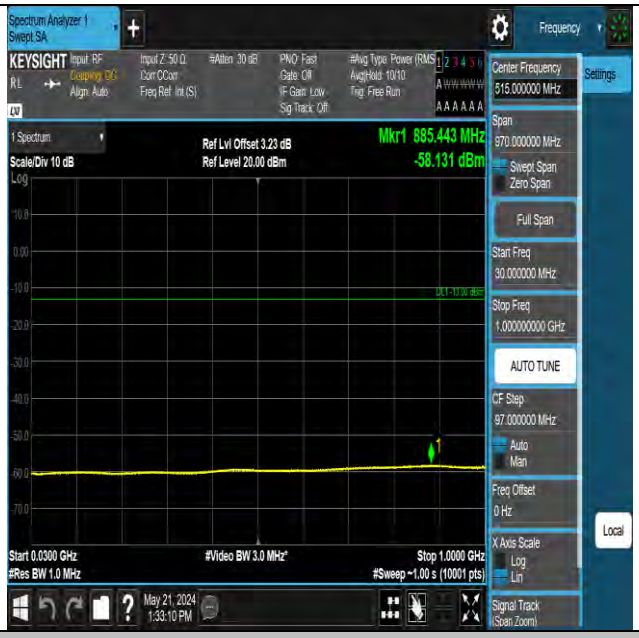


Band66_15MHz_QPSK_132597_1RB#0_10000~20000_10000~20000

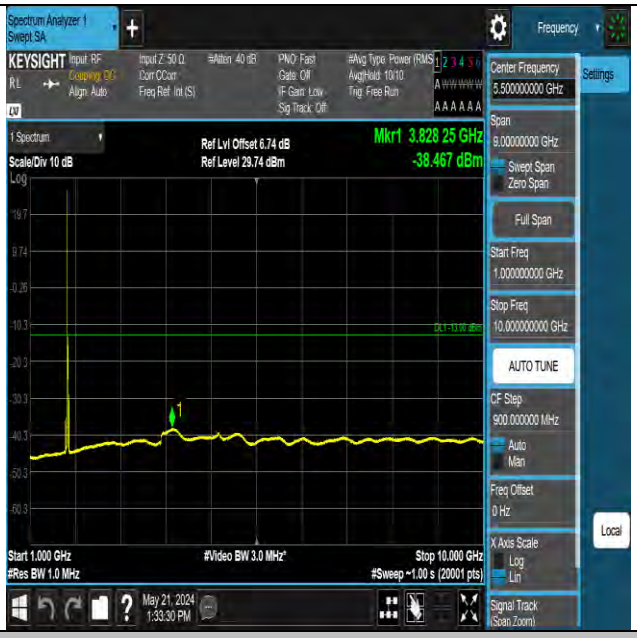
Band66_20MHz_QPSK_132072_1RB#0_30~1000_30~1000

Band66_20MHz_QPSK_132072_1RB#0_1000~10000_1000~10000

Band66_20MHz_QPSK_132072_1RB#0_10000~20000_10000~20000



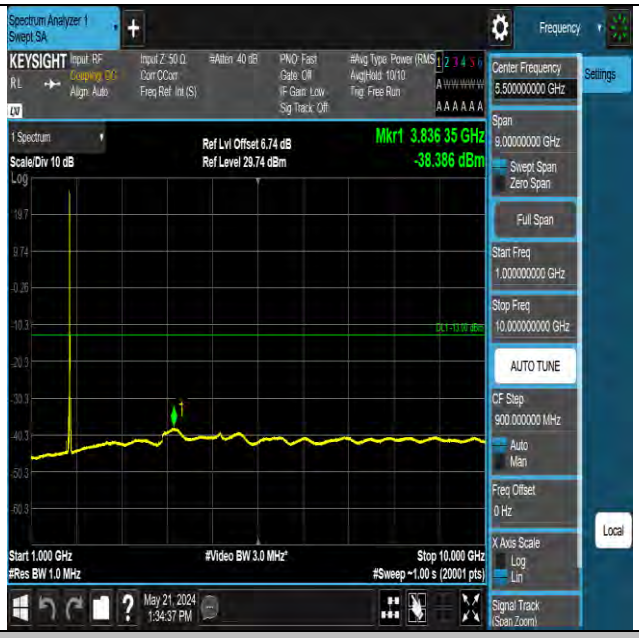
Band66_20MHz_QPSK_132322_1RB#0_30~1000_30~1000



Band66_20MHz_QPSK_132322_1RB#0_1000~10000_1000~10000

Band66_20MHz_QPSK_132322_1RB#0_10000~20000_10000~20000

Band66_20MHz_QPSK_132572_1RB#0_30~1000_30~1000

	
Band66_20MHz_QPSK_132572_1RB#0_1000~10000_1000~10000	Band66_20MHz_QPSK_132572_1RB#0_10000~20000_10000~20000

FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band66	10MHz	QPSK	132022	50RB #0	VN	NT	2423.90	1.41	1710.52816	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	VL	NT	2131.89	1.24	1710.53295	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	VH	NT	1785.44	1.04	1710.52213	---	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	VN	NT	2796.29	1.58	---	1779.4825	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	VL	NT	2616.45	1.47	---	1779.48133	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	VH	NT	2383.33	1.34	---	1779.48189	1710-1780	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band66	10MHz	QPSK	132022	50RB #0	NV	-30	2383.29	1.39	1710.52786	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	-20	2385.29	1.39	1710.52436	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	-10	2260.65	1.32	1710.52395	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	0	2166.52	1.26	1710.52338	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	10	2179.72	1.27	1710.52127	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	20	2106.99	1.23	1710.52909	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	30	2107.30	1.23	1710.51987	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	40	1985.95	1.16	1710.52135	---	1710-1780	PASS
Band66	10MHz	QPSK	132022	50RB #0	NV	50	1860.13	1.08	1710.53024	---	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	-30	2794.41	1.57	---	1779.47775	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	-20	2529.33	1.42	---	1779.48185	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	-10	2388.53	1.35	---	1779.47873	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	0	2320.43	1.31	---	1779.47999	1710-1780	PASS

Band66	10MHz	QPSK	132622	50RB #0	NV	10	2109.53	1.19	---	1779.48208	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	20	2130.68	1.20	---	1779.48126	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	30	2064.98	1.16	---	1779.48407	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	40	1791.34	1.01	---	1779.48191	1710-1780	PASS
Band66	10MHz	QPSK	132622	50RB #0	NV	50	1725.79	0.97	---	1779.47575	1710-1780	PASS

---END---